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For the college website and the catalogue online,
please refer to: www.vassar.edu

VASSAR

2006/07 Catalogue



printed on recycled paper

Fall Semester, 2006/07

August	11	Friday	Last day for payment of first semester fees
	27	Sunday	Residence houses open at 9:00 am for new students only. All new students arrive before 2:00 pm for beginning of orientation week. First board meal is lunch.
	29	Tuesday	Residence houses open at 9:00 am for all other students.
	31	Thursday	Classes begin Registration of Special Students
September	6	Wednesday	Fall Convocation at 3:30 pm
	13	Wednesday	Add period Ends
	30	Saturday-	Freshmen Parents Weekend
October	1	Sunday	
	13	Friday	Drop period ends
	13	Friday-	October Break begins at 5:00 pm
	22	Sunday	October Break ends at midnight
November	6-17	Monday-	Preregistration for Spring, 2006
		Friday	
	22	Wednesday -	Thanksgiving recess begins at 5:00 pm
	26	Sunday	Thanksgiving recess ends at midnight
December	8	Friday	First semester classes end
	9-13	Saturday -	Study period
		Wednesday	
	14-20	Thursday -	First semester examinations
		Wednesday	
	21	Thursday	Residence houses close at 9:00 am. Last board meal is breakfast

Second Semester, 2006/07

January	3	Wednesday	Last day for payment of second semester fees
	20	Saturday	Residence houses open at 9:00 am. New students arrive. First board meal is lunch.
	24	Wednesday	Second semester classes begin. Registration of special students.
February	6	Tuesday	Add period ends.
March	9	Friday	Drop period ends
	9	Friday	Spring vacation begins at 5:00 pm
	10	Saturday	Residence houses close at 9:00 am. Last board meal is breakfast
	25	Sunday	Spring vacation ends at midnight. Residence houses open at 9:00 am on Saturday (24th). First board meal is lunch on Saturday, March 24th
April	2-13	Monday -	Preregistration for Fall, 2007
		Friday	
	13-15	Friday-	All Parents Weekend
		Sunday	
May	2	Wednesday	Spring Convocation at 3:30 pm
	8	Tuesday	Second semester classes end
	9-15	Wednesday-	Study period
		Tuesday	
	16-22	Wednesday-	Second semester examinations
		Tuesday	
	23	Wednesday	Residence houses close at 9:00 am (except seniors)
	27	Sunday	143th Commencement. Residence houses close at 9:00 am on Monday, May 28 (for seniors)
June	8-10	Friday-	Vassar College Reunions
		Sunday	

Four-Year Calendar, 2006/07-2009/10

First Semester	2006/07	2007/08	2008/09	2009/10
Classes Begin	8/31 (Thur)	8/30 (Thur)	9/2 (Tue)	8/31 (Mon)
October Break:				
Begins 5:00 p.m.	10/13 (Fri)	10/12 (Fri)	10/17 (Fri)	10/16 (Fri)
Ends Midnight	10/22 (Sun)	10/21 (Sun)	10/26 (Sun)	10/25 (Sun)
Thanksgiving:				
Begins 5:00 p.m.	11/22 (Wed)	11/21 (Wed)	11/26 (Wed)	11/25 (Wed)
Ends Midnight	11/26 (Sun)	11/25 (Sun)	11/30 (Sun)	11/29 (Sun)
Classes End	12/8 (Fri)	12/7 (Fri)	12/10 (Wed)	12/9 (Wed)
Study Period:				
Begin	12/9 (Sat)	12/8 (Sat)	12/11 (Thur)	12/10 (Thur)
End	12/13 (Wed)	12/12 (Wed)	12/14 (Sun)	12/13 (Sun)
Final Exams:				
Begin	12/14 (Thur)	12/13 (Thur)	12/15 (Mon)	12/14 (Mon)
End	12/20 (Wed)	12/19 (Wed)	12/19 (Fri)	12/18 (Fri)
Second Semester				
Classes Begin	1/24 (Wed)	1/23 (Wed)	1/21 (Wed)	1/20 (Wed)
Spring Break:				
Begins 5:00 p.m.	3/9 (Fri)	3/7 (Fri)	3/6 (Fri)	3/5 (Fri)
Ends Midnight	3/25 (Sun)	3/23 (Sun)	3/22 (Sun)	3/21 (Sun)
Classes End	5/8 (Tue)	5/6 (Tue)	5/5 (Tue)	5/4 (Tue)
Study Period:				
Begin	5/9 (Wed)	5/7 (Wed)	5/6 (Wed)	5/5 (Wed)
End	5/15 (Tue)	5/13 (Tue)	5/12 (Tue)	5/11 (Tue)
Final Exams:				
Begin	5/16 (Wed)	5/14 (Wed)	5/13 (Wed)	5/12 (Wed)
End	5/22 (Tue)	5/20 (Tue)	5/19 (Tue)	5/18 (Tue)
Commencement	5/27 (Sun)	5/25 (Sun)	5/24 (Sun)	5/23 (Sun)

Note: No classes on Labor Day beginning in 2008.

General Information



Will Falter

The College Bookstore

“I cannot live without books.” —Thomas Jefferson (1743-1826)

A History of Vassar College

A pioneer for women’s education and liberal arts education in the United States, Matthew Vassar founded Vassar College in 1861. Opening its doors to its first class of 353 students paying \$350 for tuition and “residence” on September 26, 1865, the college offered young women a liberal arts education equal to that of the best men’s colleges of the day. Coeducational since 1969, Vassar College set the standard for higher education for women for more than 100 years and now sets the standard for true coeducation. Recognized as one of the best liberal arts colleges in the country, Vassar has successfully fulfilled its founder’s goals.

An English-born brewer and businessman, Matthew Vassar established his college in Poughkeepsie, New York, a small city on the Hudson River, 75 miles north of New York City. Soon after opening its doors, Vassar gained a reputation for intellectual rigor that led to the founding of the first chapter of Phi Beta Kappa at a women’s college. For the first time, women were offered courses in art history, physical education, geology, astronomy, music, mathematics, and chemistry, taught by the leading scholars of the day.

From the beginning, the Vassar curriculum was characterized by boldness, breadth, and flexibility, and Vassar graduates were recognized as a “breed apart” for their independence of thought and their inclination to “go to the source” in search of answers. The Vassar approach to learning was shaped by faculty members such as noted astronomer Maria Mitchell, the first woman to be elected to the American Academy of Arts and Sciences, and Frederick Louis Ritter, one of America’s first historians of music. In 1869, Maria Mitchell took her students to Iowa to observe an eclipse of the sun, and in the 1880s Lucy Maynard Salmon, professor of history, explored the “seminar method” of teaching through original source materials.

Vassar continues to use original source materials as essential teaching elements in several departments. The college holds an extensive collection of manuscripts in the Virginia B. Smith Manuscript Collection, named for president emerita Virginia B. Smith upon her retirement in 1986. The collection ranges from medieval illuminated manuscripts to modern manuscripts of literary and historical importance. Outstanding among the many manuscripts are the papers of Mary McCarthy, Robert Lowell, Sir Stephen Spender, Elizabeth Cady Stanton, and Elizabeth Bishop.

Education at Vassar was also shaped by the study of art. When creating his college, Matthew Vassar stated that art should stand “boldly forth as an educational force.” To fulfill this mission, Vassar was the first college in the country to include a museum and teaching collection among its facilities. The college’s gallery predates such institutions as the Metropolitan Museum of Art, which was founded in 1870, and the Museum of Fine Arts, Boston, established in 1870. The college’s Frances Lehman Loeb Art Center, with over 16,000 works in its collection, stands as a contemporary acknowledgment of that early commitment.

Today, the Vassar curriculum is broader, richer, and more varied than ever with concentrations ranging from Latin to cognitive science, from biochemistry to religion, from astronomy to Africana studies. Vassar, among the first to offer courses in drama, psychology, and Russian, has experimented with interdepartmental courses since the early 1900s and has long been recognized for curricular innovation.

After declining an invitation to merge with Yale, Vassar decided to open its doors to men in 1969. In keeping with its pioneering spirit, Vassar was the first all-women’s college in the country to become coeducational: men now represent 40 percent of the student body of 2,400.

The unique traditions upon which the college was founded continue to be upheld today: a determination to excel, a willingness to experiment, a dedication to the values of the liberal arts and sciences, a commitment to the advancement of equality between the sexes, and the development of leadership. Vassar continues to stand at the forefront of liberal arts institutions and has positioned itself as a leading force in higher education in the twenty-first century.

Presidents of Vassar College

Milo P. Jewett	1861-1864
John H. Raymond	1864-1878
Samuel L. Caldwell	1878-1885
James Monroe Taylor	1886-1914
Henry Noble MacCracken	1915-1946
Sarah Gibson Blanding	1946-1964
Alan Simpson	1964-1977
Virginia B. Smith	1977-1986
Frances D. Fergusson	1986-2006
Catharine B. Hill	2006-

Academic Life

Mission Statement of Vassar College

The primary mission of Vassar College, to furnish “the means of a thorough, well-proportioned, and liberal education,”¹ was articulated in *The First Annual Catalogue* and has remained constant throughout its history. Founded in 1861 to provide young women an education equal to that once available only to young men, the College has since 1969 opened its doors to both women and men on terms of equality. Encouragement of excellence and respect for diversity are hallmarks of Vassar’s character as an institution. The independence of mind and the diverse intellectual interests of students are fostered by providing them a range of ways to meet our curricular expectations. The structure of the residential experience, in which students in all four classes live in the residence halls, obliges students to master the art of living cooperatively in a diverse community. Diversity of perspective is honored as well in the college’s system of shared governance among all the constituencies of the institution.

Vassar’s statement of academic purpose, adopted by faculty and trustees, is a definition of the qualities it seeks to develop in its students:

- Achievement of depth and range of knowledge in a single discipline or in a subject approached through several disciplines. The quality sought is not only the mastery of a body of facts, but the attainment of skill in the conduct of inquiry and the satisfaction of having gained knowledge.
- Recognition of the different kinds of knowledge and their scope and relevance to one another. It is necessary for an educated person to understand the relationships between the past, the present, and the future as well as those between people and their social and physical environment.
- Immediate experience of creative ideas, works of art, and scientific discoveries.
- Development of the powers of reason and imagination through the processes of analysis and synthesis and the use of all our human resources—to speculate, to feel, to inquire boldly, to enjoy, to change, to create, and to communicate effectively.
- Increased knowledge of oneself, a humane concern for society, and a commitment to an examined and evolving set of values.

To achieve these purposes, Vassar offers a curriculum that honors the values of liberal learning as it challenges us to lead energetic and purposeful lives. We aim, therefore, to support a faculty dedicated to teaching, scholarship, and artistic endeavor; to educate—in the humanities, the natural sciences, and the social sciences—distinguished, diverse students motivated toward intellectual risk; to promote clear thinking and articulate expression; to stimulate integrative learning through multidisciplinary studies that communicate across cultural and curricular perspectives; and to commit both students and teachers to coherent and cohesive approaches to learning.

In the largest sense, Vassar seeks to educate the individual imagination to see into the lives of others. As such, its academic mission cannot be separated from its definition as a residential community composed of diverse interests and perspectives. The differences among us are real and challenging. Contemporary life requires more than ever the skills and wisdom that liberal education has always promoted: the exercise of informed opinion and sound critical judgment; a willingness to engage in ethical debate in a spirit of reasonable compromise; the achievement of balance between emotional engagement and intellectual detachment; the actions of personal integrity and respect for others; independent thought and an attendant resistance to irresponsible authority. It is our mission to meet the challenges of a complex world responsibly, actively, and imaginatively.

Goals

1. To develop a well-qualified, diverse student body which, in the aggregate, reflects cultural pluralism, and to foster in those students a respect for difference and a commitment to common purposes.
2. To educate our students, both broadly and deeply, in the liberal disciplines; to stimulate integrative thinking both within and across the disciplines; to strengthen and refine the powers of reason, imagination, and expression; through curricular offerings

¹ Taken from remarks by Matthew Vassar to the first meeting of the Board of Trustees, 1861.

to promote gender and racial equality and a global perspective; and to nurture not only pleasure in learning but also an informed and active concern for the well-being of society.

3. To extend these curricular values into the life of a residential community in which students may develop their skills by means of organized and informal activities, athletics, student government, contact with the surrounding community, and engagement with a concerned faculty.

4. To maintain and support a distinguished and diverse faculty in their commitment to teaching, to scholarship, and artistic endeavor, and to other forms of professional development.

5. To renew, improve, and adapt the college's educational programs and technologies in ways that are commensurate with the most provident use of its resources.

6. To continue to be a significant source of national and international leadership, producing graduates who will be distinguished both in their professional careers and in service to their communities and the world.

7. To inform, involve, and engage the alumnae/i of the college in order to promote lifelong learning and to enlist their energies in the continuing development of the college.

Vassar College is committed to working toward a more just, diverse, egalitarian, and inclusive college community where all members feel valued and are fully empowered to claim a place in—and responsibility for—our shared working, living, and learning. The College affirms the inherent value of a diverse campus and curriculum reflective of our lives as members of multiple local and global communities. [From the 2003 report to the President from the Committee on Diversity and Difference, affirmed by the president and the senior officers, 2004]

Faculty

Assisting students to realize these goals is a faculty of more than 250 individuals, all of whom hold advanced degrees from major universities in this country and abroad. In their devotion to the teaching of undergraduates and in their concern with the needs and capabilities of the individual student, they carry on Vassar's strongest and most productive traditions. At the same time, they encourage students to assume responsibility for the direction of their education and to engage in independent study and in field work.

Accreditation

Vassar is accredited by the Middle States Association of Colleges and Schools.

Curriculum

The Vassar curriculum has always been characterized by boldness, breadth, and flexibility, and curricular innovation has been a regular part of the history of the college. Vassar was among the first colleges to offer courses in drama, psychology, and Russian, and it has experimented with interdepartmental courses since the early part of the twentieth century.

Today, the curriculum is broader, richer, and more varied than ever, including concentrations ranging from Latin to cognitive science, from biochemistry to religion, from astronomy to Africana studies. Students at Vassar may choose courses from such diverse fields as Asian art and women's studies, corporate finance and Chinese, film history and constitutional law, or paleoclimatology and Old English. Field work, integral in the curricula of many departments for decades, is an expected part of students' work in such fields as anthropology, geography, geology, and education, and study away programs are available for many students, especially those concentrating in foreign language study.

Curricular requirements are flexible, and both students and faculty have various options in ways of teaching and learning. Students have a choice of four paths to the bachelor's degree: concentration in a department; interdepartmental programs such as

neuroscience and behavior or medieval and Renaissance studies; or Victorian studies; multidisciplinary programs such as Africana studies Asian studies; American culture; environmental studies; international studies; media studies; science, technology, and society; or urban studies, women's studies; or concentration in an individually tailored course of study in the Independent Program.

Informal Education

The formal curriculum is supported and enriched by remarkably abundant resources for informal education outside the classroom. The college provides lectures, in any year, by more than 150 outside scholars and public figures. Vassar's schedule of concerts, lectures, films, dramatic productions, art exhibitions, and conferences generates a campus atmosphere that would do credit to a much larger institution.

Artists from outside the college give concerts and recitals in addition to those given by the college musical organizations and by faculty members and students of the Department of Music. Exhibitions of fine printing, binding, manuscripts, rare editions, and Vassar memorabilia are shown in the main library.

Every year, the drama department stages six to eight majors plays directed by faculty and students and presented in one of three venues. The Strep studio is equipped to seat 50 and houses experimental workshop productions. The Hallie Flanagan Powerhouse Theater — a versatile space which can be used in a number of different configurations — is generally earmarked for studio productions and seats up to 135 spectators. The Martel theatre is a continental proscenium stage used for large-scale productions and seats up to 325 spectators. In addition, the department produces a host of other, smaller student directed events open to the public. Recent productions have included *Johnson is Leaving*; *The Illusion*; *Romeo and Juliet*; *Uncle Vanya*; and *Lord Parai O' Shaughnessy returns home from a day of Strawberry Picking*, or *Explois*; and *Sus*.

The Third World Festival is an annual event sponsored by the Program in Africana Studies which focuses on the Afro-American, African, and Afro-Caribbean heritage and tradition, and on the social and political thought of the non-Western world, particularly the African Diaspora.

Physical Resources

Academic Buildings and Facilities

Matthew Vassar, a businessman, was as much concerned with the physical as with the intellectual resources of his college. When Vassar opened, its observatory had one of the three finest telescopes in the nation; its library and “cabinets” of scientific equipment were more than adequate; a major collection of art had been acquired. Today, Vassar’s academic buildings, its educational facilities, and its library collections remain exceptional for a college of its size.

Admission

The Carol and James Kautz Admission House is adjacent to the Powerhouse Theater and Ferry House. This handsome Arts and Crafts style building was redesigned in 1995 by architect Linda Yowell, a member of the class of 1973, to accommodate the Office of Admission.

The Libraries

The Libraries at Vassar are extraordinary and rank among the very best of liberal arts collections in the United States, both in number (currently over one million pieces) and their exceptional variety and depth. Located at the center of campus, the Libraries include the original Frederick Ferris Thompson Memorial Library (1905) as well as the Van Ingen Library (1937) that houses three book stack levels, the Art Library, and the Visual Resources Library. The adjacent Helen D. Lockwood Library was added in 1977 and the new Martha Rivers and E. Bronson Ingram library addition was completed in 1999. The George Sherman Dickinson Music Library, one of the finest undergraduate music libraries in the country, is located in Skinner Hall.

In addition to the broad range of primary materials of particular value to undergraduate instruction, and the manuscripts, rare books, and archives fundamental to scholarship, the libraries also offer electronic resources that employ new technologies in support of class assignments and research. These resources include on-line indexes and databases, many with full text capabilities, electronic journals, and CD-ROMs. Instructional programs that teach the most efficient ways to use all library technologies are routinely offered in the libraries’ hands-on electronic classroom. Most of Vassar’s holdings can be found in the online public access catalog, with materials not owned by the libraries made available through interlibrary loan and document delivery to students and faculty.

Computing in the library is ubiquitous; throughout provision has been made for both wired and wireless access to the campus network and the Internet. Multiple computer workstations are available as well as a pool of circulating laptop computers for use in the library.

Located on the second floor of the Vassar College Main Library, the Media Cloisters is a state-of-the-art space for collaborative learning and the exploration of high end technologies. The Cloisters serves as the public sphere for networked interaction, the gathering place for students, professors, and librarians engaged in planning, evaluating, and reviewing the efforts of research and study utilizing the whole range of technologies of literacy. In this way, the Cloisters channels flows of research, learning, and teaching between the increasingly networked world of the library and the intimacy and engagement of the classrooms and other campus spaces.

The Frances Lehman Loeb Art Center

The Frances Lehman Loeb Art Center opened its doors to the public in November, 1993. Designed by architect Cesar Pelli, the 59,700 sq. ft. art center provides extensive exhibition space. Its sculpture garden is designed by landscape architect Diana Balmori. Also included in the art center are a separate prints and drawings gallery and a state-of-the-art computerized collection catalogue/imaging system.

The Frances Lehman Loeb Art Center houses one of the oldest college art col-

lections in the country. The collection contains over 16,000 paintings, sculptures, prints, drawings, and photographs spanning the history of art from ancient Egypt to contemporary art. It is noted for its collection of twentieth-century art, Greek and Roman sculpture and ceramics, Old Master prints, nineteenth-century British watercolors and drawings, and photographs. Available to the college and surrounding Poughkeepsie communities, the art center is a cultural resource of high visibility for viewing and learning about art.

Academic Computing

The goal of Computing and Information Services at Vassar College is to create and manage a campus environment that enables each member of the community to use information technologies productively for teaching, learning, research, administration, and outreach.

The campus is connected by a fiber-optic network with a fractional T-3 link at 20 Mbps to the Internet that allows the Vassar community to draw on resources at colleges and universities around the world. Vassar does not require students to purchase a computer, although 98% of students have a personal computer or laptop in their dorm room. Every student dorm room has an Ethernet connection to the campus network. Students who do not have their own computer have 24-hour access to the computer clusters housed in each residence hall.

There are also public workstations in the Computer Center, the College Center, the Library, and in various academic buildings. The network allows students access to shared software, academic resources, and laser printers located in public spaces. The campus Computer Center houses a high-end digital multimedia lab that is open most nights until 11:00 p.m. The Computer Center provides both laser and color printing, scanning, imaging and video editing, multimedia equipment and powerful workstations for student and faculty use. The Library is home to the Media Cloisters, a state-of-the-art space for collaborative learning and the exploration of new technologies. The Cloisters is a gathering place for students, professors, librarians and technologists engaged in course development, class-based projects, and research.

Vassar has been the recipient of generous grants from the Andrew W. Mellon Foundation, the National Science Foundation, the Arthur Vining Davis Foundations, George Alden Trust, Hewlett Packard, and AT&T in support of ongoing technology initiatives across the curriculum in the classrooms, the library, and research labs.

The Arts and Literatures

There are several places on campus designed for theatrical productions of various sorts. Opened in spring 2003, in place of Avery Hall, is the Center for Drama and Film, which houses the department of Drama and Film and provides a 325-seat auditorium for theatrical productions featuring a traditional proscenium stage, a small black box studio, two screening rooms that have surround sound, 35 mm and advanced digital projectors, as well as production spaces and classrooms for both film and drama, equipped with advanced technology. Another larger blackbox theater seating 135 is located in the Hallie Flanagan Davis Powerhouse Theater. With its flexible seating arrangements and advanced lighting and sound equipment it offers an ideal space for both traditional and experimental productions. In the tradition of Hallie Flanagan, the founder of the original Vassar Experimental theater in the 1930s, the department sees as its main educational mission to balance the study of the history, theory, and literatures of the drama with the practice of theater. The department produces plays and hosts visits by prominent contemporary artists. Recent seasons have focused on the Greeks, Shakespeare, neglected works from the nineteenth century, and new material. Recent visitors include the five Lesbian Brothers, Lynn Nottage, Anna Deveare Smith, Kristin Linklater, Joanne Akalaitis, The Beijing Opera, the New York Theater Workshop, and Peggy Shaw. Student-run productions take place in both formal and less formal spaces: the Susan Stein Shiva Theater provides a fully equipped, flexible space devoted to extracurricular productions; the outdoor amphitheater is often used for readings and performances in good weather; two lecture halls with raked seating and performance space frequently accommodate performances by the various improvisation

comedy groups on campus. Film showings take place in the Nora Ann Wallace '73 Auditorium in Blodgett Hall, the Blanche Brumback Spitzer Auditorium in Sanders Classroom Building, Taylor Hall 203, and the Pat and John Rosenwald Film Theater and the Mary Ana Fox Martel Theater in the Center for Drama and Film.

The Belle Skinner Hall of Music houses a wide range of musical activities, and includes a concert hall, extensive practice facilities, and one of the nation's finest college music libraries. In 2002, Skinner Recital Hall became the home of a newly built pipe organ designed by the master organ builder, Paul Fritts of Tacoma, Washington. Vassar owns 65 Steinway pianos, seven pipe organs, six harpsichords, and many musical instruments of historic interest in the Darlington and James Collections. In addition, there is an electronic music studio. The music library supports the college's diverse curriculum and includes classical and world music, musical theater, and jazz. Nearly 18,000 books and periodicals, 27,000 printed musical scores, and over 29,000 sound and video recordings make up the collection. Many of these items can be found in the online public catalog and can be checked out of the library by the college community.

The complex of buildings consisting of the Frances Lehman Loeb Art Center, Taylor Hall, and van Ingen Hall, houses the art gallery, art department, architectural design studio, classrooms, the art library, the slide library, and faculty offices.

The curricula of the modern language programs at Vassar are enhanced by the applied technologies found in the Foreign Language Resource Center in Chicago Hall. The FLRC is a multimedia facility incorporating a networked computer classroom, a 30-seat film and video theater/lecture space, and a video viewing space for individual use. A second video classroom, seating 15, and media production studios are also located in the building. Most classrooms in Chicago Hall are equipped with media consoles and projector hardware to support internet-based and multimedia presentations. Direct foreign-language television is available in the building through satellite-based providers.

The Natural and Social Sciences

Each of the physical science departments (biology, chemistry, geology-geography, physics-astronomy) has its own building with classrooms, offices, and laboratory space and modern equipment for study and research. There are extensive special collections. The geology department has a collection of minerals, rocks, and fossils in its A. Scott Warthin, Jr., Geological Museum.

The Department of Anthropology has digital video and sound analysis labs and archaeology and physical anthropology labs. The department's Digital Video Lab has analog and digital video playback capabilities and is configured to enable computer-based digital photo manipulation and non-linear video editing. The lab is wired to a nearby classroom for remote editing demonstrations and digital projections of student's projects. The department's Sound Analysis Lab houses analog, digital, and computer-based means of analyzing and producing sound. Geared to the needs of linguistics, musical, and cognitive science research and teaching, the lab's hardware and software can be configured to extract and store sonic data and waveform analysis in a variety of formats and media, or to provide for the production and synthesis of sound. The Sound Analysis Lab is located in Blodgett Hall adjacent to the anthropology department's Digital Video Editing Lab to facilitate the integration of sound and video production. The Archaeology and Physical Anthropology Labs contain equipment for geoarchaeological and geophysical survey and for the macro and microscopic analysis of osteological, zooarchaeological, palynological and artifactual materials. An extensive collection of fossil hominid and primate casts, zooarchaeological and/or artifact collections from North America, South America, Western Europe, the Middle East, and New York State sites, are available for student research and comparative study.

The chemistry department, located in the Seeley G. Mudd Chemistry Building, maintains a philosophy of close student-faculty collaboration and a commitment to providing hands-on experience with state-of-the-art instrumentation. The department houses an extensive array of analytical instruments used by students and faculty in classes and while conducting original research. Organic structural studies are carried out using nuclear magnetic resonance, infrared spectroscopy, mass spectrometry and polarimetry, using a 300-MHz NMR, GC/MS, FTIR, and polarimeter. These instruments also sup-

port the Amber Research Lab. In the biochemistry program, students study protein structure using ultraviolet/visible spectrophotometry, fluorescence spectrophotometry, high performance liquid chromatography, and matrix-assisted laser desorption ionization time of flight mass spectroscopy (MALDI-TOF MS). Environmental analyses are carried out using atomic emission spectrophotometry with inductively-coupled plasma atomization (ICP-AES), X-ray fluorescence (XRF), voltammetry, potentiometry, and gas chromatography with detection by electron capture, flame ionization, and mass spectroscopy (GC/ECD/FID/MS). Students characterize new polymers using thermal gravimetric analysis (TGA), differential scanning calorimetry (DSC), near infrared spectrophotometry (NIR), gel permeation chromatography (GPC), and dynamic laser light scattering. The department maintains a laser laboratory containing helium-neon, nitrogen, dye, and IR diode lasers, and an X-ray laboratory with a state-of-the-art Bruker APEXII CCD X-ray diffractometer for structure determination. A detailed listing of the department's offerings is available on the department website.

The Mudd Building also houses Vassar's Laboratory for Scientific Visualization, a computer resource for teaching and faculty/student research.

The Department of Geology and Geography is located in Ely Hall, which contains classrooms, teaching and research laboratories, computing facilities, and the A. Scott Warthin Geological Museum. Instrumentation in Ely Hall includes petrographic microscopes for the study of rocks and minerals, an automated powder X-ray diffractometer for the study of crystal structures, computers for geophysical and terrane modeling, a laser particle counter for the analysis of sediments, a coulometer and Chittick apparatus for carbon analyses and a fume hood and biological microscope for pollen analyses. Equipment is housed in four laboratories dedicated to the study of clastic sedimentology, paleoclimatology, geophysics and mineralogy/petrology. Analytical equipment is complemented by the inductively-coupled plasma atomic emission spectrophotometer and x-ray fluorescence spectrophotometer in Mudd Hall. Geographic Information Systems (GIS) and remote sensing facilities include a "mobile" lab comprising 20 tablet PCs equipped with both GIS and integrated Global Positioning System (GPS) hardware, a 13-seat computer lab with GIS and numerical modeling software (STELLA, Matlab, Compaq visual fortran), and a three-seat research lab with GIS and multi-spectral remote sensing software. Ely Hall was one of the first buildings on campus with complete wireless internet access. Of the department's five classrooms, four are "smart" classrooms with new computers, LCD projectors, and DVD/VCR equipment. An extensive collection of geographic, geologic, and tectonic maps of continents and ocean basins complements the department's digital and electronic data resources. The department also maintains specialized field equipment, including sediment samplers and corers, stream gauges and samplers, a foldable rowboat, and a Global Positioning System (GPS) for geologic, geographic, and environmental investigations. Geophysical equipment includes ground penetrating radar, a cesium vapor magnetometer, an electrical resistivity meter, and a total station surveyor. Faculty in the department also operate a meteorological station at the 500-acre Vassar Farm ecological preserve.

The Department of Physics and Astronomy is located in Sanders Physics Laboratory, which contains classrooms, teaching and research laboratories, computing facilities, and a research library. Instrumentation and computing facilities in Sanders support faculty and student research in computational physics, astrophysics, and solid state physics, multi-media curriculum development, and astronomical image processing and analysis. Some projects involve work at national laboratories and observatories. Physics teaching labs are equipped with instrumentation for work in various physics fields. Students can major in physics and become certified to teach high school in New York State. Dedicated in 1997 is the Class of 1951 Observatory, a new building on the edge of the campus that houses 32-inch and 20-inch reflecting telescopes and a solar telescope, as well as several small telescopes. Both large telescopes are equipped with electronic CCD cameras and spectroscopes. The 32-inch is used primarily for student and faculty research on supernovae, variable stars and the structure of galaxies. The 20-inch is used for instruction and observing. The department is also a member of the Keck Northeast Astronomy Consortium which supports Vassar students in summer research positions at other institutions, as well as student travel to local and national meetings.

The Olmsted Hall of the Biological Sciences is a modern structure designed to meet the educational and research needs of students and faculty in biology. In addition to comfortable classrooms and well-equipped teaching laboratories, Olmsted Hall has faculty research laboratories, and equipment and preparation rooms supporting research and teaching. The building houses a number of specialized facilities including a confocal microscope, a scanning electron microscope, laboratories for tissue culture and cell and molecular biology, a vivarium, and a large greenhouse complemented by an herbarium and environmental growth chambers.

Students of biology and other natural sciences have access to 500 acres of streams, wetlands, ponds, old-growth forest, and recently reclaimed farmland and meadows on the Vassar Farm, located a short distance from campus. The Priscilla Bullitt Collins Field Station, which contains a library, classroom, modern laboratory, computers, and a weather station, is located within an ecological preserve on the farm.

The Psychology Department is located in Blodgett Hall which has numerous facilities for teaching and research in all areas of psychology. There are classrooms and laboratories for physiology, neurochemistry, and experimental learning. Observation rooms and laboratories containing recording equipment for research in developmental, individual differences and social psychology, and a human electrophysiology suite are also located in Blodgett Hall. In addition, the Wimpfheimer Nursery School serves as an on campus laboratory for students pursuing coursework and research in developmental psychology.

The Department of Computer Science has two student labs that offer access to Unix workstations, a variety of Macintosh and PC computers, an eight-processor parallel machine, and a microprocessor hardware laboratory. Printing facilities and a computer science library are housed within the department. Faculty and students participate in international research within various fields of computer science.

The social sciences are housed in Blodgett Hall, Rockefeller Hall, and Swift Hall. In each of these buildings, besides department lounges and libraries, there are classrooms designed for discussion-based teaching and lecturing, as well as several classrooms equipped with computer projection. Blodgett Hall contains a computer laboratory for economics as well as computer and traditional laboratories for psychology. Kenyon Hall, a state-of-the-art athletic facility when it was built in 1933, has undergone a major interior renovation and reopens in Fall 2006, to house six new "smart" classrooms, as well as rehearsal and performance space for the Vassar Repertory Dance Theater.

Residential and Social Buildings

Ninety-eight percent of the Vassar student population lives on campus in traditional residence halls, apartments, or the cooperative houses. Faculty may apply for residential hall live-in house fellow positions or for college owned housing. Such proximity encourages a close association between faculty and students in and out of the classroom.

Main Building

Main Building, Vassar's oldest and largest building, is the heart of the college community. A handsome and monumental structure designed by James Renwick, Jr., it houses the Office of the President, the College Center, and other educational and administrative offices. The top three floors serve as a residence hall for approximately 313 students. In 1986, Main was one of twelve sites named a National Historic Landmark, along with the Empire State Building and the Metropolitan Museum of Art. In 1996, architect Cesar Pelli redesigned and renovated the lobby of Main.

Residence Halls

Main and the remaining eight traditional residence halls house a majority of the freshmen, sophomores, and juniors on campus. Accommodating between 169 and 352 students, each house has a separate and unique personality that drives community development. An active in-house leadership team consisting of faculty, administrators, and students largely directs community, in any given house. The fourteen House Fel-

lows are faculty members (and their families) who live within the houses and take part in house programming, leadership, and informal advising. The five House Advisors are live-in professional administrators who all hold master's degrees and oversee the building management, student leadership, and overall educational endeavors for two houses. The student leadership in the residence halls is comprised of many positions that serve the different needs of the students. The House Interns oversee a group of Student Fellows who serve as peer advisers to first-year students. The Community Fellows serve as peer advisers to all upperclass students living in the residence halls. The Transfer/Visiting/Exchange Program encompasses a House Intern and three Student Fellows to specifically meet the needs of students who arrive at Vassar via transferring from another institution, a visiting student program, or an institutional exchange program.

Apartment style accommodations are available to mostly junior or senior students who apply and are granted permission. All such units are represented by a set of student officers and or managers. The Terrace Apartments (246 residents), the Town Houses (250 residents), and the South Commons (45 residents) house a majority of the senior class in four or five bedroom apartments. Students who wish to live off campus or to make other special accommodations must obtain approval through the Office of Residential Life.

Student rooms are furnished with basic needs (bed, dresser, and desk). An Ethernet connection is in each student's room, and computer clusters for general use are in all houses. Houses also offer kitchen facilities, multipurpose rooms, television rooms, and other amenities.

Students are expected to care for their own rooms and to follow all guidelines governing on-campus housing. Houses are closed during winter break, spring break, and summer session. Noyes House, however, is designated to accommodate small numbers of students staying during each interim. The apartment style housing is open during winter and spring breaks.

College Center

A large and dramatically designed College Center, created by renovating part of Main Building and encircling it with a new building, was opened in 1975. The center provides rooms for social, educational, and extracurricular activities and auxiliary services for the college community. It houses the Office of Campus Activities; a post office; the Vassar College Store; a computer store; the WVKR radio station; offices for student government, organizations, and a desktop publishing laboratory; a video conferencing room; the community dark room; lounges and meeting rooms; 24-hour public-access computers; a popular snack bar called the Retreat, the Kiosk coffee bar, and Matthew's Mug, the college pub.

Three recently renovated areas of the facility include the College Information Center, the James W. Palmer III '90 Gallery, and the multipurpose room. The College Information Center disseminates information concerning local area events and points of interest, including directories, maps, and schedules. All information concerning campus events and programs, as well as ticket sales and reservations, is available at the Information Center. The Palmer Gallery is open year-round with rotating exhibitions. The gallery features the work of faculty and students, in addition to local artists and arts organizations.

Campus Dining

Campus Dining operates dining facilities in four buildings on campus. The All College Dining Center is located in the Students' Building and serves the entire community as a central dining facility. Remarkably flexible and efficient and bright with color, it provides seating for over 1,000 people in pleasant and well-lit dining areas of various sizes.

Breakfast at the dining center offers made-to-order omelets, freshly baked pastries, and a self-operated waffle station. Lunch and dinner feature the very popular Pan Geos Fresh Flavors of the World, authentically replicated cuisine from around the world, prepared to order. Other choices include an exciting array of traditional and vegetarian

dishes, made-to-order hot and cold sandwiches, pizza, grilled items, a full salad bar, a self-serve vegan station, a wide selection of hot and cold beverages, and, on the third floor, the Java City Café featuring cappuccinos and espresso drinks.

The Retreat in the College Center offers fresh baked pastries, made-to-order sandwiches and grill items, pizza, fresh soups, a salad bar, a full range of snacks and convenience items, hot and cold beverages, and lots of daily and weekly specials.

The Kiosk coffee bar, located at the north entrance to the College Center, serves coffee, cappuccino, and espresso, fresh baked pastries and other specialties.

The Vassar Express, on the second floor in the College Center, offers students a quick, bagged lunch alternative during the hectic 11:30-1:30 lunch period, Monday through Thursday. Students choose from a menu assortment of sandwiches and prepared salads, and round out their selection with chips, fruit, a beverage, and a dessert.

The Atrium Café, located in the New Athletic Center, features freshly-prepared smoothies and offers an assortment of hot and cold gourmet specialties.

Campus Dining also offers an extensive catering menu. The catering office can handle requests for all catering needs.

Student Services and Activities

A Community of Special Character

Among the stated purposes of Vassar College (p. 7) are the “increased knowledge of oneself, a humane concern for society, and a commitment to an examined and evolving set of values.” Vassar, therefore, seeks to sustain a community of special character in which people of divergent views and backgrounds come together to study and live.

New students traditionally sign the book of matriculation, thereby agreeing to uphold the letter and spirit of college regulations, to maintain the values of the academy which is Vassar, and to preserve the integrity of the institution.

Respect for others is central to Vassar. The college expects its students to be mindful of their responsibilities to one another and to engage actively in the creation of a community of intellectual freedom, mutually-understood dignity, and civil discourse.

Academic and Nonacademic Advising and Counseling

Students may seek academic advice from the dean of studies, the dean of freshmen, the advisers to sophomores, juniors, or seniors, their pre-major or major adviser, and informal advice from the house fellows or from individual faculty members. The dean of students and the director of residential life provide advice on nonacademic matters, as do the house advisers.

Entering students are assigned to faculty premajor advisers until they decide on an area of concentration, when they are given departmental or program advisers. Faculty members assist students with registration and the selection of a concentration.

The Learning and Teaching Center offers individual assistance and workshops in writing and quantitative skills, study skills, time management, and test preparation. Academic coaching is also offered to students registered with the Office of Disability and Support Services. The Office of Career Development provides advice and assistance to students and alumnae/i as they investigate career options and apply for employment and internships. The Office for Preprofessional Advising and Fellowships coordinates advising for those students interested in preparing for entry into health profession schools and schools of law and works in concert with a faculty committee to assist students who wish to apply for fellowships.

The Counseling Service, staffed by psychologists and a consulting psychiatrist, provides confidential help for students who have personal concerns. Counseling on special problems is also provided by the physicians at the health service, the director of the office of religious and spiritual life, the director of the office for campus community and the director of the office for disability and support services.

Equal Opportunity and Affirmative Action

In keeping with the long-standing traditions of the college and the spirit and letter of the federal and state equal opportunity laws, Vassar is committed to promoting a diverse and inclusive working and learning environment. In support of this mission, the Office of Equal Opportunity and Affirmative Action is responsible for the development, coordination, and implementation of Vassar's equal opportunity and affirmative action policies and programs. The EOAA office offers educational programs and workshops on equity, civil rights, and affirmative action, monitors college policies and procedures for compliance with state and federal equal opportunity laws, and administers informal and formal grievance procedures with respect to the college's nondiscrimination and nonharassment policy.

Individuals may contact the office to request guidance on Vassar's nondiscrimination and nonharassment policy and grievance procedures, request mediation or explore other avenues of informal conflict resolution in relation to a specific situation, or file a formal complaint of alleged discrimination or harassment, including sexual harassment. The equal opportunity and affirmative action officer and the faculty director of affirmative action, reporting directly to the president, carry out the work of the office in consultation and collaboration with the Committee on Equal Opportunity and Affirmative Action.

Athletics

The athletics program is an integral component of the total educational experience at Vassar. The offerings not only complement and provide a balance to Vassar's rich and demanding academic life, but also help to promote a sense of community. Opportunities to participate in Athletics are provided for everyone through a wide range of intercollegiate varsity, club, intramural, and recreational programs.

The 23-team varsity intercollegiate programs compete in Division III of the National Collegiate Athletic Association (NCAA). The goal of the intercollegiate athletic program is to offer each varsity team member the opportunity and the challenge to achieve his or her maximum potential as an athlete within Vassar's atmosphere of academic excellence. To this end Vassar has produced All-Americans, national qualifiers, state, regional, and conference champions, as well as many scholar-athlete award winners.

In addition to the National Collegiate Athletic Association (NCAA) Division III, Vassar is a member of the Liberty League and competes in the following sports: baseball, basketball, cross-country, field hockey, lacrosse, soccer, swimming and diving, tennis and women's volleyball. The Liberty League provides an ideal opportunity to compete within an excellent athletic conference that includes: Clarkson, Hamilton, Hobart/William Smith, Rensselaer, Rochester, St. Lawrence, Skidmore and Union. Vassar is also a member of the Eastern College Athletic Conference (ECAC), the New York State Women's Collegiate Athletics Association (NYSWCAA), and competes in the Seven Sisters Championships.

The club program gives the opportunity for intercollegiate competition and student leadership in nonvarsity sports.

The intramural program includes competitive and recreational levels of play in many sports for those who seek competition, fun, exercise, or just a change from the rigors of study without the intense commitment required of varsity participation.

Walker Field House, renovated in 1998, features a new tennis/multipurpose playing surface with indirect lighting. The 42,250 square feet of floor space contains five tennis courts and accommodates a variety of sports including volleyball, basketball, fencing, and badminton. The building also houses a six-lane Olympic-sized swimming pool with a four-foot moveable bulkhead and diving well, renovated locker rooms, and a new sports medicine facility. The new athletic and fitness facility is a 53,000-square foot athletic facility that includes a 1,200 seat basketball gym, an elevated running track, a 5,000 square foot weight training/cardiovascular facility, a multipurpose room, locker rooms, administrative offices, and a laundry/uniform room.

Kenyon Hall is named in honor of the late Helen Kenyon, class of 1905, the first woman chair of the board of trustees. Kenyon Hall contains six international squash courts, a much improved volleyball court (now with uplighting and a NCAA approved plastic playing surface), and a varsity weight room and rowing room.

On-campus outdoor facilities include a nine-hole golf course, 13 tennis courts, and numerous playing fields. Prentiss Field has a quarter-mile all-weather track, two soccer fields, field hockey game and practice fields, and a baseball diamond. The J. L. Weinberg Field Sports Pavilion, opened in 2003, includes six locker rooms, a sports medicine facility, and a laundry facility. The Vassar College Farm contains a rugby field and practice grids. The intercollegiate rowing program facilities include a boathouse and a 16-acre parcel of land on the Hudson River.

On the varsity level, women compete in basketball, cross country, fencing, field hockey, golf, lacrosse, rowing, soccer, squash, swimming and diving, tennis, and volleyball. Men compete in baseball, basketball, cross country, fencing, lacrosse, rowing, soccer, squash, swimming and diving, tennis, and volleyball. Club teams include badminton, cycling, men's and women's rugby, sailing, skiing, track, ultimate Frisbee, and weight lifting. Intramural sports include badminton, basketball, billiards, bowling, chess, floor hockey, touch football, golf, ping pong, indoor and outdoor soccer, softball, squash, tennis, coed volleyball, and inner tube water polo.

For a full list of coaching staff, see Athletics (p. 368).

Campus Life

The Campus Life Office coordinates programs and services for improving the quality of student and campus life in an inclusive community. Through a variety of campus-wide programs such as the Campus Life Resource Group (CLRG), intergroup dialogues, Conversation Dinners, and resource centers for ALANA, LGBTQ, and women students, we work to build affirming campus environments and encourage student engagement across groups. The Campus Life Office plans the annual All College Day in February which brings students, faculty, administrators, and staff together for a day of discussions and dialogues. The office is also committed to working with “first year students” as they explore avenues for contributing to the intellectual and community life of the college.

Resource Centers

The ALANA Center provides a myriad of resources and programs to enhance the campus life and academic experiences of African-American/Black, Latino, Asian and Native American students. The center offers opportunities for leadership development, intra-cultural and cross-cultural dialogues, lectures, big sister/big brother and alumnae/i mentoring programs. A comfortable and affirming gathering space is also provided for student organizations with similar goals in supporting students of color. As an extension of cultural/social and academic initiatives, resources for interacting with various communities in Poughkeepsie and surrounding areas are provided. Other resources include cultural journals/newsletters, educational videos, career development, scholarship and fellowship information and a computer lab.

Blegen House is a multicultural center for the “study of social change,” staffed by a director and student interns who foster a spirit of inquiry as they offer a Lesbian, Bisexual, Gay, Transgender, and Queer (LBGTQ) viewpoint to the academic discourse. The center hosts discussions and social events, and provides space for CARES, a student-run group dedicated to raising awareness of relationship violence and sexual abuse. The house also serves as a bridge to the Poughkeepsie community through a group for local LBGTQ high school students, and a chapter of Children of Lesbians and Gays Everywhere.

The Women's Center is a resource center staffed by student interns who plan film screenings, lectures, and discussions on a range of topics; they collaborate with other student interns and student organizations to promote gender equity. Faculty members from the Women's Studies Program provide support through curricular and co-curricular advising.

Career Development

The objective of the Office of Career Development is to assist students in developing, evaluating, and effectively initiating career plans. We believe career choices are a reflection of one's interests, values, and skills. Understanding the connections among the three is a catalyst in enabling a person to find meaning in his or her life's work. The options are many for students who pursue a liberal arts curriculum and self understanding is often the first step.

Services are designed to assist students in all phases of the developmental process. Specifically, services focus on 1) increasing self-awareness, 2) exploring career options, 3) integrating life and work planning, and 4) securing employment and/or further educational opportunities.

Since effective career planning involves life planning as part of a continual process, we offer assistance throughout the college years and after graduation. For detailed information, please access our home page, or visit our office at Main Building, South Wing.

Counseling Service

The Counseling Service provides a variety of services to help students and the campus community handle the problems associated with academics, college life, and personal development. Services include: individual, couple, and group counseling and psycho-

therapy; crisis intervention; educational programs; consultation; assessment; and referral to off-campus services. Services are free of charge to Vassar College students.

The staff of the counseling service is made up of mental health professionals who welcome all students and embrace a philosophy of diversity. As part of the College community, counselors are committed to the personal and academic development of all Vassar students. The counselors are trained in the disciplines of clinical and counseling psychology and clinical social work, and work with students to explore personal problems and concerns in a secure and private setting. Students come to the Counseling Service for a variety of reasons, for example: relationship problems with parents, peers or partners, depression, anxiety, alcohol and other drug use and abuse, coming out issues, stress, concerns about academic progress or direction, or assistance in planning for the future. The student and the counselor work out the details and the course of counseling jointly.

Counselors often refer students to resources outside of the Vassar community depending on the needs of the student and the limitations of the Counseling Service. Students referred for treatment off campus may use their health insurance to defray the cost. Off-campus services are the responsibility of the student and/or the student's family.

The Counseling Service offers a variety of groups, some with a specific focus such as eating disorders or the concerns of children of alcoholics. Other groups are more general such as process groups on relationships or psychotherapy. Groups are formed at the beginning of each semester and typically meet once a week. A list of groups is publicized at the start of each semester.

Confidentiality, a highest priority at the Counseling Service, is often a concern for students. Strict ethical principles and codes of conduct govern the Counseling Service, ensuring confidentiality within specific legal limits. Counseling records are separate from academic and medical records at the college and are not available to college offices outside of the Counseling Service.

A consulting psychiatrist is affiliated with the Counseling Service. Limited psychiatric services are available at Metcalf by referral from a counselor. If continuing psychiatric services are required, a referral is made to a private psychiatrist.

Disability and Support Services

In accordance with the provisions the Americans with Disabilities Act and Section 504 of the Rehabilitation Act, Vassar College is committed to providing qualified students with disabilities equal access and opportunity to its academic courses, programs, and activities. The Office of Disability and Support Services (DSS) serves self-identified students with visual, mobility and hearing impairments and students with hidden disabilities such as chronic medical conditions, learning disabilities, attention deficit disorder, psychiatric disabilities, and substance use/recovery. The office's primary mission is to foster academic excellence, self-advocacy, personal responsibility, and growth.

A student in need of first accommodations, auxiliary aids, or services must self-identify to DSS and provide appropriate documentation of their disability or disabilities. After registering with the office, DSS works with the student and necessary faculty and administration to identify accommodations and services that are appropriate to their needs, academic program, and campus life experience. Students are expected to be actively involved in the accommodation process and assume responsibility for securing services and accommodations.

Fellowships and Preprofessional Advising

The Office for Fellowships and Preprofessional Advising works with students and recent graduates who pursue admission to professional schools, particularly in the fields of health and law, as well as with those who apply for fellowships to fund graduate education, independent study, and research. Students interested in these possibilities are encouraged to meet with the director and to consult the available materials relative to their interests. Students interested in application to a health related professional school are encouraged to seek advice from the members of the Pre-Medical Advisory Committee. Early consultation is recommended if one wishes

to apply for any professional school, graduate program, or competitive fellowship.

Health

The Health Service at Vassar is designed to promote the health of the individual and the student community and to treat medical issues as they emerge.

Centered in Baldwin House, the Health Service medical staff maintains daily clinics on weekdays for routine medical and gynecological care. In addition to caring for our own infirmary patients, the nursing staff handles acute problems after hours with on-call medical staff backup.

A health fee covers the cost of most medical visits on campus. Charges are made for medications, laboratory work, and gynecologic visits. The college requires that each student carry insurance to defray the cost of off-campus consultation, hospitalization, or emergency room use. A customized student health insurance plan is available to all Vassar students.

New students are required to file a medical history and physical examination with the department before coming to college. Proof of immunization against measles, mumps, rubella, and polio, as well as recent tetanus and TB tests, are mandatory to meet New York State requirements. New York State also requires a Meningitis immunization form. The Hepatitis B vaccine and Varivax are also highly recommended.

The Health Service provides student outreach activities and supports a strong health education program.

Health Education

The Office of Health Education is committed to the development of the whole person—body, mind, and spirit. The office provides support, information, and resources to the student body regarding issues of health and well being.

International Services

The Office of International Services offers a full range of resources for our international community of students and scholars, including advice and assistance in visa, immigration, tax, employment, cultural and general matters.

Intercultural competence, the ability to communicate and relate effectively and appropriately with members of another cultural background on their terms, is rapidly becoming a necessary skill among graduates ready to join a global marketplace. Toward this end, we look both to assist internationals in adjusting to and embracing a new culture and also to involve and engage all members of the campus community in events, workshops, and other opportunities to share the wealth of global perspective and experience our campus enjoys.

The office collaborates with the International Studies Program, Office of International Programs, Vassar International Student Association, Office of Career Development, and other offices and organizations in efforts to provide programming that speaks to the college's mission to promote a global perspective among all our students. Support is provided to the college's several fine international summer programs.

Learning and Teaching Center

The Learning and Teaching Center, located in the Library, was established in 2003 to support the intellectual life of students and faculty at Vassar. One of the Center's primary missions is to facilitate students' realization of their academic potential and achievement of their personal educational goals; another is to promote dialogue and collaboration on academic issues among faculty, librarians, and administrators. To these ends, the Center provides programs designed to support and enhance learning, both in the classroom and throughout the campus.

Learning Specialists work with students to develop their reading, writing, critical thinking and quantitative skills, both in general and in the context of particular courses or assignments. They are also available for consultations on time management, prioritization, organization, note taking, and the adjustment to college-level academic work. The Center offers practice sessions to prepare for graduate and professional school

examinations, and sponsors workshops on strategies for academic success, including a series of conversations with faculty designed especially for first-year students. The Learning Specialists offer individual conferences either by appointment or on a walk-in basis, subject to availability.

Learning specialist services are also available to address the evolving needs of students with disabilities. The Assistant Director of Disability and Support Services offers academic coaching to students registered with the Office of Disability and Support Services through weekly in-office appointments and through consultation by telephone and e-mail.

Library Instruction Services offer a variety of programs to promote awareness of the breadth and depth of the Library's collections, and to foster students' ability to use research materials effectively. Students may also arrange research consultations with a reference librarian or with the Peer Library Research Intern.

The Writing Center, also in the library, is a peer tutoring service providing support for students at any stage of the writing process. Writing Interns are specially trained to work with students across disciplines, as well as to consult with professors and class groups on special or ongoing projects.

Religious and Spiritual Life

The Office of Religious and Spiritual Life (RSL) helps students integrate lives of passionate commitment, embodied practice, and intellectual critique at Vassar and beyond. Our programs articulate a lively public role for religious imagination and ensure that opportunities for spiritual and democratic formation are part of the demanding and creative education Vassar offers—for the religiously devoted, the spiritually curious, and the radically questioning.

Religious and Spiritual Life oversees, advises, and supports a wide range of religious and civic communities and initiatives on campus, and plays an important role as a community liaison for the college in the mid-Hudson Valley.

Spirituality and Service programs offer the Vassar Community opportunities for service-learning. Participants receive training, support, and tools for reflection, drawing on the resources of spiritual and religious traditions to sustain and enrich their work.

Peace and Justice programs explore traditions and tools for non-violence in religious and political communities past and present, and bring resources to campus to help students work for peace.

Arts and Celebration gives students skills and materials for creating public art—such as giant puppets, murals, luminaries, sculpture, performance—and practice in shaping community rites of passage to help open up opportunities for transformation and reflection.

Religious Practice, Ritual, and Interpretation are recognized components of learning at Vassar and beyond, and offer shared experiences and opportunities for dialogue that engage questions of the sacred in secular culture.

As part of the support Religious and Spiritual Life staff provide to these program areas, staff members are available for pastoral counseling and spiritual guidance. Buddhist, Episcopal, Jewish, Muslim, Protestant, and Roman Catholic advisors and consultants serve the campus community.

Student Employment

Student Employees are an integral part of the daily operation of Vassar College and student jobs are found in nearly 100 departments and offices on the campus. Each semester students fill over 1,600 campus jobs. The mission of the Student Employment Office is to offer employment that matches the educational goals set by each student and to offer jobs that help students gain both professional and personal development.

Financial aid students have priority consideration for campus jobs through the placement process and during exclusive priority periods at the beginning of each semester. College policy limits the number of hours that students may work based upon class year: freshmen may work up to eight hours per week, sophomores nine hours per week, and juniors and seniors may work up to ten hours per week. In addition to the part-time employment program that operates during academic periods, the Student

Employment Office also administers a small full time employment program for students during the winter, spring and summer breaks. Interested students should inquire at the Student Employment Office.

Student Government and Extracurricular Activities

The Constitution for the Vassar Student Association gives control over social regulations, as well as extracurricular activities, to the students, subject only to an ultimate veto by the president of the college. Organized under a Council of Representatives and elected standing committees, the VSA plays an effective role in the college community.

Student concern for participation in college policy making, which ultimately affects their education as well as their personal lives, is reflected in the *Governance* of the college, which now recognizes the student body as a separate entity within the corporate community, endowed with rights and responsibilities, and enjoying opportunities for conference with the board of trustees, the faculty, and the administration. Students sit as voting members of the Committee on Curricular Policies, the Committee on College Life, and other committees of the college.

The range of extracurricular activities at Vassar is as broad as the interests of the students. There are currently over 90 organizations and club sports: political groups, a film society, an FM radio station, a weekly newspaper and several magazines, an outdoor club, a circus troupe, and groups focused on social action.

Student Performing Groups

Dance: Vassar Repertory Dance Theatre is a performing group of ballet, modern, and jazz dancers; it is a credited course offering dance students the opportunity to present both their own choreography and professional repertory in the studio theater and off campus. In past years the dancers have performed repertory by Humphrey, Sokolow, Duncan, Balanchine, Nijinska, and Fokine.

Drama: Student theater productions take place throughout the academic year in the Susan Stein Shiva Theater. These extracurricular dramatic and musical productions are initiated by individual students or groups of students in the Philaletheis Society, Woodshed Theater Ensemble, Shakespeare Troupe, Unbound, The Limit, Improv, and Happy Ever Laughter.

Music: The Department of Music sponsors six ensembles: Choir, Madrigal Singers, Women's Chorus, Orchestra, Wind Ensemble, and Jazz Ensemble. The department offers academic credit for year-long participation in any of these ensembles, and membership is open to all members of the Vassar community by audition. The Choir, a large concert ensemble, regularly performs major works with orchestra and tours periodically in this country and abroad. The Madrigal Singers, a select chamber ensemble, performs unaccompanied vocal music from the Middle Ages through contemporary works. The Women's Chorus, a concert ensemble, performs both choral-orchestral and *a cappella* works for women's voices. The sixty-member orchestra performs with student and faculty soloists. The Wind and Jazz ensembles perform in various campus residence halls in addition to their formal presentations. Opera Workshop, also under the sponsorship of the Department of Music, gives an annual performance in Skinner Hall.

Informal singing groups (not affiliated with the music department)—such as the Accidentals, Night Owls, Matthew's Minstrels, Measure for Measure, and the Vassar College Gospel Choir—perform regularly at other colleges as well as on campus.

The music department has two student-run instrumental groups. The Vassar Camerata is devoted to the performance of music from the Renaissance, Baroque, and early Classical periods, while the Vassar Mahagonny Ensemble is devoted to the performance of music written after 1900 as well as student compositions.

Admission

A demonstrated commitment to academic excellence is the primary consideration in admission to Vassar College, but candidates should illustrate that they will contribute to and benefit from the range of intellectual, leadership, artistic, and athletic opportunities offered by the college community. The Admission Committee is particularly interested in candidates who have made effective use of all opportunities available to them.

Admission to the Freshman Class

Vassar welcomes applications from candidates of varied backgrounds and does not require a specific secondary school program. However, Vassar does expect candidates to have elected the most demanding course work offered by their high schools. Therefore, we recommend that students elect four years of English, mathematics, laboratory science, history or social science, and foreign language. Students should take a substantial portion of their work in enriched, accelerated, or honors courses or in Advanced Placement or International Baccalaureate programs when these options are available. Special attention is given to the academic breadth, depth, and rigor of candidates' junior- and senior-year programs.

Early Decision Plan

The Early Decision Plan is intended for candidates who have explored and researched their college options carefully and concluded that Vassar is their clear first choice. Vassar has two early decision deadlines: November 15 and January 1. Candidates who use the first deadline will hear from Vassar in mid-December. Candidates who use the second deadline will hear from us by early February. Candidates will receive one of three decisions: admission, a deferral of our decision until the regular decision period, or denial, which is our final decision. The Office of Financial Aid makes preliminary financial aid awards at or near the same time to admitted candidates who have demonstrated financial need. Successful early decision candidates are expected to return the Candidate's Reply Form within two weeks, pay the required fee deposit, and withdraw any applications submitted to other colleges and universities.

Regular Decision Plan

Candidates who wish to be considered under Vassar's regular decision plan should insure that all required credentials are postmarked by the January 1 deadline, and that the nonrefundable \$60 application fee (or a formal request for a fee waiver) has been submitted. Candidates are notified of the Admission Committee's decisions in late March or early April. Regular decision candidates must respond by May 1, the Candidate's Uniform Reply Date. Admission to the freshman class is contingent upon maintenance, throughout the senior year, of the level of academic performance on which admission was based.

Required Credentials

In addition to the completed application forms and the nonrefundable \$60 application fee, candidates must submit the following credentials: a transcript of high school courses and grades, the scores of the College Board SAT Reasoning Test and the scores of any two SAT Subject Tests, *or* the results of the ACT, an evaluation from the high school counselor that addresses the candidate's qualifications for admission, a recommendation from a teacher in an academic subject, and a personal statement or essay.

Admission of International Students

Vassar College welcomes applications from international students. These candidates must take the College Board SAT Reasoning Test and any two SAT Subject Tests or the ACT. In addition, if English is neither your first language nor the primary language of instruction you have used throughout secondary school, you should submit the

results of the Test of English as a Foreign Language (TOEFL). We generally expect a minimum TOEFL score of 600 (or 250 on the computer-based version).

Some need-based financial aid is available to international freshman applicants who are not citizens or permanent residents of the United States. Applications from noncitizens who apply for financial aid are considered on a need-aware basis. Vassar College also welcomes transfer applications from international students. However, we are unable to offer any financial aid to transfer candidates who are not citizens or permanent residents of the United States.

Campus Visits

Vassar welcomes visits from high school students and their families. Guided tours of the campus led by Vassar students and group information sessions led by an admission officer and a Vassar senior are available on a daily basis. Please call the Office of Admission at 845-437-7300 or consult our website for the seasonal schedule. Appointments are not necessary for tours and information sessions.

Interviews

An interview is not required for admission. Most students and their families find that they have a clear understanding of Vassar's academic and extracurricular offerings and admission standards after attending a group information session and going on a campus tour. However, candidates may feel that further dialogue with a Vassar representative would be helpful. Applicants may request an interview with an alumna or alumnus in their local area when completing the application for admission. While interviews are not offered on campus, admission officers are always available after information sessions to advise students and their families on the admission process and to discuss special circumstances and needs.

Advanced Placement and International Baccalaureate

Every effort is made to insure that students do not find college work to be a repetition of high school work. Appropriate placement is made by departments at the time of registration or within the first two weeks of classes. Students who have taken Advanced Placement examinations will receive one unit of credit, equal to one semester course at Vassar, (or $\frac{1}{2}$ unit for the Physics "C" examination) for each examination in which a score of four or five is earned. Students may then be permitted to elect an intermediate-level course after consultation with an adviser and if given permission by the department chair. A maximum of 4 units of credit is allowed for Advanced Placement examination results.

Vassar welcomes applications from students who have participated in the International Baccalaureate program, and awards credit for scores of five, six, or seven on the Higher Level examinations. No credit will be given for work done in IB Standard Level courses.

The college may also grant credit for sufficiently high marks on certain foreign advanced programs of study, such as the GCE A levels, the German Abitur, the French Baccalaureate, etc. Students possessing such credentials should consult with the Office of the Dean of Studies.

College Work before Admission as a Freshman

Vassar may accept the equivalent of, and not more than, four courses of comparable work taken at a college or university prior to a student's admission as a freshman. Transfer credit for work completed prior to admission to Vassar must be applied for within one year of matriculation. The student must list such courses and the colleges at which they were taken on the application for admission. Transfer of this credit will require departmental approval as well as approval of the Committee on Leaves and Privileges.

Credit will be granted only for coursework completed on a college campus and not used to satisfy requirements for the high school diploma. Students involved in college-level work during high school may wish to supplement their request for credit with

the result of an Advanced Placement Examination, even if they were not enrolled in an Advanced Placement course.

Deferring Admission

Admitted freshman students may, with the permission of the Office of Admission, defer matriculation for one year. The student should first confirm his or her intent to enroll at Vassar by submitting the Candidate's Reply Form and the required enrollment deposit by May 1. A written request for deferral should also be submitted, preferably along with the enrollment deposit but by no later than June 1. If deferred status is approved, a formal letter stating the conditions under which the deferral has been granted will be sent to the student. However, students who may be offered admission to Vassar from the waiting list after May 1 are not eligible to request a deferral of admission.

Admission of Transfer Students

Students from two- and four-year institutions are typically admitted as transfers into the sophomore or junior classes for either the fall or the spring semester. The college may also admit some highly qualified freshmen candidates for the spring semester. All transfer students must complete a minimum of seventeen Vassar units to be eligible for the Vassar degree. Thus, students with more than four semesters of college-level work are generally not eligible to apply for admission.

To be considered for admission, candidates for transfer are expected to present a strong college record with *at least* a B average in liberal arts courses comparable to those offered at Vassar. Candidates should be enthusiastically recommended by their current dean and college instructors. Those denied admission to the freshman class who want to reapply should complete a minimum of one year of college with an exemplary record before submitting a transfer application. Vassar may also accept transfer applications for the spring semester of the freshman year from new candidates with very strong high school records who have performed well during the first semester in college. Credit toward the Vassar degree for courses of comparable quality taken elsewhere is determined after admission by the Office of the Dean of Studies. No transfer credit will be assigned without an official transcript.

Please note that financial aid is available on a limited basis for transfer students. Students who are considering applying for financial aid should consult the financial aid office for eligibility requirements, policies, and information about application procedures and deadlines. We regret that we cannot offer financial aid to international transfer applicants.

Credentials and Application Deadlines

Transfer candidates are required to submit the application forms, the nonrefundable \$60 application fee, and all required credentials by March 15 for admission in the fall semester and by November 1 for admission in the spring semester. Required credentials include official college transcripts from all schools attended, an official transcript of the secondary school record, recommendations from the college dean and a college professor, standardized test scores, a graded writing sample, and a personal statement or essay. The application fee may be waived upon written request from the dean or advisor substantiating reasonable need for the waiver.

All transfer candidates should submit scores from the SAT Reasoning and any two SAT Subject Tests or from the ACT. However, the SAT Subject Tests may be waived for students who are returning to college after a lengthy hiatus or who will have completed one full year of college. Consult with the transfer coordinator for more information. In addition, the TOEFL exam is required for candidates whose primary language is not English.

Notification

Candidates for transfer admission to the fall semester are normally notified of our decisions on their applications in early May. Candidates for admission to the spring semester are normally notified of our decisions by mid-December. Transfer candidates

for both semesters are expected to respond to offers of admission within two weeks. Admission to Vassar is contingent upon the maintenance, for the balance of the term, of the standard of academic performance upon which the admission committee based its decision. Students admitted as transfer students are expected to enroll in the semester for which they have been offered admission. Deferrals of admission to later semesters typically are not granted, except under extraordinary circumstances.

Admission to Exchange Programs

Students attending colleges or universities which have established exchange programs with Vassar who wish to study at Vassar for a semester or a full academic year should make arrangements directly with the exchange coordinator on their own campuses. Vassar has exchange programs with the member colleges of the Twelve College Exchange (Amherst, Bowdoin, Connecticut College, Dartmouth, Mount Holyoke, Smith, Trinity, Wellesley, Wesleyan, Wheaton, and Williams), with Brooklyn College, and with York University in England.

Special Students and Part-Time Students

Well-qualified non-traditional students who live within commuting distance of the campus and who wish to study on a part-time basis are encouraged to discuss special-student status and resumption of work with the Adviser to Special Students in the Office of the Dean of Studies.

Student Right-To-Know Act

Under this act, educational institutions are required to disclose to current and prospective students their completion or graduation rate. This rate is defined as the percentage of students who complete their degree program within 150 percent of the normal completion time for that degree. For Vassar College, this means the percentage of entering students who complete their degree within six years. The most recent Vassar class graduation rate is 89 percent. Additional graduation and retention rate information is available from the Office of the Registrar.

Fees

Payment of Fees

Comprehensive fee charges are billed to students at the permanent address in early July for the fall term and in early December for the spring term. Additional bills are generated monthly to reflect all other charges incurred by the students. Payments must be received by the designated due dates to avoid late payment fees and/or the denial of student privileges. Payments should be made by check and mailed to the address indicated on the bill or made in person at the cashier's office. All payments must be in the form of United States dollars. Payments from outside of the United States must be drawn on United States banks.

Vassar College offers an installment payment plan through TuitionPay Monthly Plan. TuitionPay works with Vassar College to set up your Monthly Plan Account, collect your tuition installments and forward them on to our office of Student Accounts. To enroll in this plan simply call TuitionPay at (800) 635-0120, or enroll at www.tuitionpay.com. A low, annual enrollment fee of \$75.00 is required, which includes Tuition Protection Coverage (life insurance).

Fees are subject to change at the discretion of the college's Board of Trustees and are reviewed on an annual basis.

Entrance Fee

Application for admission (nonrefundable) \$ 60

An application for admission to the college is not accepted until payment fee is received.

Undergraduate Comprehensive Fee

Tuition - Full time for fall and spring Terms	\$ 35,520
Room - All residential halls	\$ 4,310
Room-Apartments	\$ 4,810
Board - Base plan	\$ 3,820
Student activities fee (nonrefundable)	\$ 250
College health service fee (nonrefundable)	\$ 260

In general, the college requires full-time students to live in college housing. Permission to live off-campus may be granted by the Director of Residential Life in the spring for the following academic year. If a student does not apply for permission by the posted deadline, the student will be liable for full room and board charges. Housing assignments are secured through a room-draw process, which is based on academic seniority. Apartment units are generally not available to freshmen.

Students living in residence halls are required to participate in the college board plan. A portion of the room and board fee is used to establish a declining-dollar account. Students utilize their declining-balance accounts in lieu of cash, when they eat at the various food service locations on campus. A range of meal plans provide different levels of declining dollar amounts. Each alternative plan has a slightly different charge associated with it.

The meal plan is optional for students housed in apartments (Terrace Apartments or Town Houses). A declining-balance account may be established for use in lieu of cash at the college dining facilities.

All declining-balance amounts are expected to be utilized during the semester in which they are established. Any unused declining-balance amounts are transferred from fall to spring term, but unused balances are forfeited at the end of the spring term. Additional declining balance amounts may be charged to the student's bill up to \$50 per semester.

The student activity fee is required for all matriculated students. These funds are transferred to the Vassar Student Association for use by its various organizations.

The college health service fee is required for all matriculated students. The fee covers limited medical services as provided by the college's infirmary. Additional charges may

be incurred during the academic year related to medications or gynecological services. A schedule of fees is on file at the Office of Health Services.

Other Fees and Deposits

Student Sickness and Accident Insurance (nonrefundable) \$ 365*
 Arrangements for a group health and accident insurance policy have been made by the college. All full-time students must enroll in the plan, except those students whose parents certify that they have equivalent coverage. The deadline for claiming exemption is August 14, 2006. No exemption will be granted after this date. This plan covers students while on or away from campus for a period of 12 months beginning August 22. Information regarding insurance will be sent to all students.

Transcript of academic record (first semester students only) \$ 50
 First time students to the college are required to pay this fee as part of their first term bill. This will entitle the student to an unlimited number of transcripts of academic record in the future.

Late Fee (nonrefundable) \$ 100
 A late fee is charged if term bills are not paid by the designated due date.

Graduate Fees

Full-time tuition \$ 35,520
Part-time tuition per unit \$ 4,180
General deposit \$ 200
 This deposit will be refunded upon completion of degree requirements or upon earlier withdrawal on the same basis as the undergraduate general deposit.

Part-Time Student Fees

Part-time undergraduate students per unit \$ 4,180
Non-matriculated special students and full-time high school students taking work at Vassar College per unit \$ 2,090
 The general deposit of \$200 for part-time undergraduate students and \$100 for special and high school students is required. This deposit will be refunded upon completion of degree requirements or upon earlier withdrawal subject to normal provisions.

Music Performance

Instruction in any single branch, including practice
Each semester, full-time \$ 500

Use of practice room and instrument, without instruction
Each semester \$ 50
 Department of Music majors are exempt from three semesters of fees for performance instruction during their junior and senior years. This fee exemption applies to instruction in only one branch per semester. Non-matriculated special students taking individual lessons will be charged one-half of the rate-per-unit fee plus the fee for performance instruction. Individuals from the community may elect, with the approval of the chair of the music department, to take instruction in a musical instrument without receiving academic credit. The charge per semester for such instruction is \$525.

Miscellaneous Fees

Diploma replacement fee \$ 35
Emergency Medical Training instruction fee \$ 200
Senior Film Workshop (per semester) \$ 100
Filmmaking (per semester) \$ 100
Teacher Certification (fifth year program) (per unit) \$ 100
Parking fee (per semester) \$ 50

*This is the fee in effect for 2005/06 academic year. The fee is subject to change as formal premium quotes are received from insurance carriers later in the year.

Student Deposits

General deposit \$ 200

The general deposit, payable by all new students with the first term bill, is refundable either upon graduation or upon earlier withdrawal, subject to its application in whole or in part against any unpaid fees or charges against the student.

Fee deposit to reserve a place on the college list \$ 500

The fee deposit must be received by the Office of Student Accounts on or before April 15 for returning students, May 1 for new students. This deposit will be applied toward the student's fees for the ensuing year (nonrefundable).

Miscellaneous

Fines may be imposed for violation of college and social regulations. Students may also be fined for failure to meet obligations in the administrative and business offices and the library after due notice has been given. Students accept responsibility for damage done to college property, including laboratory breakage, whether caused by individuals or groups.

A schedule of fees for special services and fines is available in the Office of the Director of Residential Life.

Housing assignments and registration may be canceled for those students who do not meet established deadlines for the payment of fees. Students whose accounts remain unpaid at the end of a semester may have their pre-registration for the following semester canceled. Students who have unpaid financial obligations to the college cannot attend classes and are subject to leave of absence or suspension proceedings by the college.

No student will receive a diploma or transcript until the college account is paid in full.

Other Expenses

Costs of consumable supplies are required in certain courses.

The college estimates that a reasonable budget for incidental expenses (books and supplies, recreation, etc.) is \$1,880 per year.

Refunds

Engagements with instructors and other provisions for education and residence are made in advance by the college for the entire academic year. No refunds of any fees will be made because of withdrawal or leave of absence from the college, or for withdrawal from courses, except as hereinafter specified. Refunds will be credited first against financial aid awards, with the balance, if any, remitted to the student.

All notices of withdrawal must be submitted in writing to the Dean of Studies, and the date that notice is received will be the official date of withdrawal.

Return of Title IV Funds [§484B]*

Students who are receiving Title IV Financial Aid loans and grants (excluding Federal Work Study) who withdraw from classes are subject to the Federal Title IV Refund Formula. A student granted a personal leave of absence will also be subject to the Federal Title IV Refund Formula.

Where the student has withdrawn from classes, the school will first determine the percentage of Title IV assistance the student earned. For withdrawal on or before the first day of classes, 100 percent of Title IV aid must be returned. Up to the 60 percent point in time, the percentage of assistance earned is equal to the percentage of the payment period or period of enrollment for which it was awarded that was completed as of the day of withdrawal.

In calculating the percentage of the payment period or period of enrollment, the federal formula uses calendar days completed divided by total number of calendar days in the period.

* Examples of the Title IV Refund Policy are available in the Financial Aid Office.

If the student withdraws or takes a leave after the 60 percent point then the percentage earned is 100 percent. The earned percentage is applied to the total amount of Title IV grant and loan assistance that was disbursed (and that could have been disbursed) to the student or on the student's behalf for the payment period or period of enrollment for which it was awarded as of the day the student withdrew.

Excess funds to be returned to Title IV programs will be credited in the following order:

- Unsubsidized FFEL Stafford Student Loans
- Subsidized FFEL Stafford Student Loans
- Unsubsidized Federal Direct Stafford Student Loans
- Federal Perkins Loans
- FFEL Parent Plus Loans
- Federal Direct Parent Plus Loans
- Federal Pell Grants
- Federal SEOG (Supplementary Educational Opportunity Grant)
- Other Title IV assistance for which a return of funds is required.

Tuition

Upon withdrawal or leave of absence from the college, or upon withdrawal from courses, refund of the applicable tuition will be made at the following rates:

Prior to the first day of classes in each semester:	100%
	(less the nonrefundable fee deposit)
During the first week of the semester	90%
During the second week of the semester	80%
During the third week of the semester	70%
During the fourth week of the semester	60%
During the fifth week of the semester	55%
During the sixth week of the semester	50%

No refund will be made after the sixth week of the semester.

No refund is made in the event that classes are temporarily canceled. The payment of tuition entitles the student to educational opportunities which are not dependent upon a specific number of classes, hours, or weeks of instruction.

No refund is made in cases of suspension or expulsion.

Examples of the refund policy are available upon request in the Office of Financial Aid.

Room and Board

Prior to the first day of classes in each semester, the college will refund 100 percent of the room and board charges.

After classes begin, no refund will be made for room charges, but in the case of a withdrawal or leave of absence from the college, unused declining-balance accounts are fully refundable.

No refunds of room and board charges are made in cases of suspension or expulsion.

Music Performance

If the course is dropped before the day classes begin in each semester, the fee will be canceled. In the case of withdrawal within seven weeks, with the dean of studies' approval, charges will be made at the rate of \$40 per lesson. The minimum charge will be \$80. The balance will be refunded. No part of the fee is refunded after the seventh week.

Credit Balance on Account

Refunds of credit balances will normally not be made until the beginning of the fifth week of classes. If the student is a Title IV financial aid recipient and if Title IV funds exceed allowable charges (tuition/fees/room/board), these funds will be returned to the student/parent within fourteen days of payment unless the student/parent has authorized the school to hold these funds toward payment of other allowable institutional charges.

Title IV Funds

Title IV funds are Federal Pell Grants, Federal Supplemental Educational Grants, Federal Perkins Loans, and Federal Stafford Student Loans, Federal Work Study, Federal Parent Loan for Undergraduate Students.

If tuition and/or room and board liability has been reduced after the student has terminated enrollment at the college, Title IV funds received will be refunded to the programs according to the federal refund formula then in effect.

Financial Aid

Matthew Vassar bequeathed to the college its first scholarship fund. Through the years, generous friends of the college have added permanent scholarship funds and annual gifts to help promising students meet their college costs.

During the academic 2005/06 year, approximately sixty percent of the student body received financial aid totaling more than \$33 million from the college, federal, state, and private sources. Of that amount, over \$24 million was awarded in the form of Vassar Scholarship assistance, all of which was awarded on the basis of financial need as determined by the college.

Students applying for admission will receive a freshman application for financial aid and detailed information about financial aid at Vassar, including expenses, how assistance is awarded, and the application procedures. Applicants and their families must complete the Free Application for Federal Student Aid (FAFSA) to apply for assistance from federal financial aid programs. Applicants must also file a supplemental form, the CSS PROFILE form, with the College Scholarship Service. This last form is required by Vassar College prior to the awarding of its own resources. Both forms are available in school guidance offices. Complete instructions and deadlines for first-year and transfer students are included in the admission application booklet and financial aid brochure available from the Office of Admission.

Instructions and application materials for financial aid for returning students are available from the Office of Financial Aid in late February, with a filing deadline of mid-April.

Eligibility for federal student financial aid is determined by a federally mandated formula. Financial need for a Vassar Scholarship is determined through the use of the assessment principles of the College Scholarship Service and subject to the professional judgement of the student financial aid officers of the college.

Students who are residents of New York State may be eligible for assistance from the following sources:

- The Tuition Assistance Plan (TAP)

- Regents Awards for Children of Deceased or Disabled Veterans

Vassar requires all financial aid applicants who are New York residents and United States citizens to apply for TAP. Information about these programs can be obtained from school guidance offices, Vassar's Office of Financial Aid, or the New York State Higher Education Services Corporation.

The Committee on Student Records provides the TAP certifying officer and the financial aid officer of the college with a means for detailed analysis of any individual student's status and academic progress to determine continuing eligibility for New York State financial assistance and federal Title IV financial aid programs.

Information about State Aid to Native Indians is also available in the Office of Financial Aid, or students may write to the Native American Education Unit, New York State Education Department, Albany, NY 12234.

Financial Aid Awards

Financial aid for entering students is awarded on the basis of financial need. The college expects students and parents to assume the primary responsibility for financing college costs. Need is defined as the difference between Vassar's costs and a family's expected contribution. Awards are packaged so that the first portion of the student's need is covered with the offer of a loan and a job. Any remaining need is met with a scholarship. Recipients of freshman awards can expect continuing financial aid in relation to their need. They must, of course, remain members in good standing of the college community. Demonstrated need is reassessed each academic year and may indeed change if a family's circumstances change.

Applicants for financial aid are expected to investigate all possible sources of assistance for which they may be eligible, such as state scholarships and awards offered by community organizations.

The following scholarships from funds not held by Vassar are available to applicants who meet the qualifications:

The B. Belle Whitney Scholarship, held in trust by J.P.Morgan/Chase Manhattan Bank for students with financial need from the following towns in Connecticut: Bethel, Danbury, Brookfield, Sherman, New Milford, Newtown, New Fairfield, Redding and Ridgefield.

The Marie L. Rose Huguenot Scholarship: Applicants must prove Huguenot ancestry by submitting a genealogical form available from the Office of Financial Aid.

The L.L. Staton Scholarship, held in trust by Mahlon DeLoatch, Jr., of Taylor and Brinson, Attorneys-at-Law, Tarboro North Carolina for women from Tarboro, Edgecombe County, eastern North Carolina and western North Carolina, in that order.

The Eva March Tappan Scholarship, held in trust by Fleet Bank, Worcester, Massachusetts for residents of Worcester County.

Financial Aid and Athletics

Athletic ability is never a factor in the awarding of financial aid by Vassar College. Vassar College fields teams at the Division III level of the National Collegiate Athletic Association. Division III regulations prohibit the awarding of any financial aid based on athletic considerations.

Scholarships in the Performing Arts

A limited number of art-supplies stipends and music-performance scholarships are given on the basis of financial need. Applications may be obtained at the financial aid office in the first week of college for new students, in March for students already enrolled.

Loan Funds

The Federal Stafford Student Loan Program offers federally insured loans at a low rate of interest. You pay no interest or principal while you are in college and have up to 10 years to repay the loan. Deferment and forbearance provisions are available in special circumstances. An origination fee and finance charges are deducted from the loan prior to disbursement by the lender. Applicants for Stafford Loans must demonstrate need under criteria used in determining eligibility for federal student-aid programs administered by the college. Applicants found ineligible for a subsidized Stafford Loan may still receive a Stafford Loan—they will be required to at least make interest payments or capitalize the interest while in school. Application and additional information may be obtained from the Office of Financial Aid or your local lender.

The Federal Perkins Loan program is a federally funded program administered by the college. You may have up to 10 years to repay the loan at 5 percent interest. There are no interest or principal payments while attending college on at least a half-time basis. Deferment and cancellation provisions are available in special circumstances.

International students demonstrating financial need for financial assistance from Vassar College receive a financial aid package that includes a student loan. The loan is processed through either Citibank or Nellie Mae, depending on a student's class year. More information about loans can be obtained from the Office of Financial Aid.

The Office of Financial Aid determines which loan is most appropriate for a student receiving financial aid.

Other Federal Loan Programs

The Federal Parent Loan for Undergraduate Students is available to the parents of dependent undergraduate students. This loan carries a low variable interest rate. The maximum amount that can be borrowed is the cost of education less financial aid. Availability is also subject to credit review of the borrower(s). Repayment begins shortly after the date of disbursement.

Student Employment

A campus job is part of all financial aid awards and priority for certain jobs is given to financial aid recipients. Students receive an allocation for either Federal Work Study (federally funded) or Institutional Employment. Presently, financial aid allocations

are \$1,600 to \$2,000 requiring a student to work eight to ten hours per week. Some positions, which are funded through the Federal Work-Study Program (FWS) are off-campus community service positions. The Student Employment Office assists all students with job placements.

Temporary Loans

The college is fortunate to have modest funds donated to help students needing temporary emergency assistance. These loans are interest free, and are to be repaid in the shortest time possible. Application should be made to the director of financial aid.

Vassar Scholarship for Study Away and Exchange Programs

A limited amount of Vassar scholarship is made available for students to participate in programs of study away from the college. Once the scholarship funds for these programs are exhausted, students will be limited to their eligibility for Federal student financial aid to assist them with their study-away expenses.

Scholarship Funds

All Vassar scholarships are awarded solely on the basis of financial need, as determined by the college. The endowed funds listed below help support the Vassar scholarship program. Students do not apply for specific endowed funds; rather, they apply for financial aid.

For students seeking admission to Vassar College, the financial aid information is available in the admissions packet.

Maxine Goldmark Aaron '24 Fund	Adeline Beadle Fund
Stella Hamburger Aaron 1899 Fund	Aymer J. and E. Louise Beecher Fund
Gorham D. and Rebecca I. Abbot Fund	Gabrielle Snyder Beck Endowment Fund
Jennie Ackerly Fund	Julia E. Bell Fund
Florence White Adlem Fund	Margaret Jones Benton Fund
Edna C. Albro Fund	Ada Kerr Benz Fund
George I. Alden Trust Fund	The Arnold Bernhard Foundation Fund
Julia Bowles Alexander Fund	Cecile and Gustav Bernd Sr. Fund
Margaret Middleditch Allardyce Fund	Alison Bernstein Scholarship
Mildred Allen Fund	Frank Stillman Bidwell Fund
Adelaide Ames Fund	Mary Brown Bidwell Fund
Arlene Joy Amron Memorial Fund	William Bingham, II Fund
Mary Louise Anderson Fund	Sarah Gibson Blanding Fund
E. Cowles and Miriam Jay Wurts Andrus Fund	Edith S. Wetmore Blessing Fund
Louise C. Armstrong Fund	Avis H. and Lucy H. Blewett Fund
Elizabeth V. Atwater Fund	Margaret S. Block Fund
Norma K. and Lisa Aufzien Endowed Scholarship Fund	Rebecca Prentiss Blunt Fund
Chellis A. Austin Fund	Olive Thompson Bond Fund
Edwin C. Austin Fund	Clara Lena Bostwick and Marion Bostwick Mattice Smith Fund
Sarah Taylor Avrit Fund	Annie Nettleton Bourne Fund
Sara L. Azrael Fund	Constance B. Bowditch Fund
Lydia Richardson Babbott Fund	Mabel Maxwell Brace Fund
Elsie L. Baker Fund	Priscilla Braislin Fund
Katharine Jones Baker Scholarship	Nannie Jenckes Brayton Fund
Mary Donahue Baker Fund	Louise D. Breckinridge Fund
Columbus and Edith E. Langenberg Baldo Music Fund	Jane Breckir Memorial Fund
Leslie Greenough Barker Fund	Brigham Fund
Agnes L. Barnum Fund	Blanche Campbell Brown Fund
Edward M. Barringer Fund	Laura A. Brown Fund
Charles and Rosanna Batchelor Fund	Mabel Webster Brown Fund
Baxter Scholarship Fund	Virginia Post Brown Fund
Louisa Van Kleeck Beach Fund	Brownell-Collier Fund
	Florence Wadhams Buchanan Fund
	Catharine Morgan Buckingham Fund

John Buckmaster Fund
Louise Burchard Fund
Bertha Shapley Burke Fund
Shirley Oakes Butler Fund
Marian Voorhees '04 and Edgar J.
Buttenheim Fund
Hilda J. Butterfield Fund
Annie Glyde Wells Caldwell Fund
Northern California Endowment Fund
Nellie Heth Canfield Fund
Eliza Capen Fund
Henrietta Capen Fund
Jane Clark Carey Fund
Dorothy Carl Class of 1930 Scholarship
Central New York Scholarship Fund
Cornelia B. Challice Fund
Emily M. Chapman Fund
Chemical Bank Fund
Augusta Choate Fund
Althea Ward Clark Fund in the
Environmental Sciences
Carnzu A. Clark Family Fund
Class of 1896 Scholarship Fund
Class of 1900 Scholarship Fund
Class of 1922 Scholarship Fund
Class of 1923 Scholarship Fund
Class of 1931 Scholarship Fund
Class of 1934 Scholarship Fund
Class of 1936 Scholarship Fund
Class of 1942 Fund for the Environmental
Sciences
Class of 1944 Scholarship Fund
Class of 1945 Scholarship Fund
Class of 1952 Scholarship Fund
Class of 1954 Scholarship Fund
Class of 1955 Scholarship Fund
Class of 1956 Memorial Scholarship Fund
Class of 1961 Scholarship Fund
Class of 1972 Scholarship Fund
Class of 1974 Scholarship Fund
Class of 1982 Scholarship Fund
Class of 1985 (Alden) Fund
Cleveland Vassar Club Endowment Fund
Annette Perry Coakley Fund
P. Charles Cole Fund
College Bowl Scholarship Fund
Isabella Steenburg Collins Fund
Colorado Vassar Club Endowment Fund
Compton Family Scholarship Fund
Compton Foundation Scholarship Fund
Dorothy Danforth Compton Fund
Ruth E. Conklin Fund
Connecticut Scholarship Fund
Alison R. Coolidge Fund
Willey B. and Ella H. Cooper Fund
Dr. Susan Covey Memorial Scholarship
Sarah Frances Hutchinson Cowles &
Patricia Stewart Phelps Fund
Susan Copland Crim Fund
Dr. Emma V.P. Bicknell Culbertson Fund
Gladys H. Cunningham Fund
Florence M. Cushing Fund
Charles L. Dates Fund
Arthur Vining Davis Foundations
Scholarship Fund
Thomas M. and Mary E. Bennett Davis
Fund
Margarita Victoria Delacorte '53
Memorial Scholarship Fund
Barbara Rowe de Marneffe and Pamela
Rowe Peabody Fund
George Sherman Dickinson Fund
Bertha Clark Dillon Fund
May Cossitt Dodge Fund
Mario Domandi Fund
Susan Miller Dorsey Fund
Caroline B. Dow and Lilla T. Elder Fund
Durant Drake Fund
Drotleff Scholarship Fund
Kathryn McGrath Dubbs Fund
Gwendoline Durbridge Fund
Maude Elizabeth Batcheller Durkee Fund
Catherine Pelton Durrell '25 Endowed
Scholarship Fund
Jane Dustan Scholarship
Ruth P. East Fund
Charles M. Eckert Fund
Edna H. Edgerton Fund
Achсах M. Ely Fund
Linda Beiles Englander '62 Fund
Elizabeth Y. Evans Fund
Martha Jarnagin Evans Fund
Margaret Ferguson Fund
Edith Ferry Memorial Fund
Mary Davis Firestone Memorial Fund
Julia Amster Fishelson Fund
Lucy Aldrich Fitch Fund
Abbie H. Fox Fund
Anne Frank Memorial Fund
Ruth Scharps Fuld Fund
Flora Todd Fuller Fund
S. Margaret Gallagher Fund
Roberta Galloway Gardner Fund
Nellie J. Ryder Gates Fund
Caroline M. Gerrish Fund
Margaret McKee Gerrity Fund
Cora Williams Getz Fund
George R. and Helen M. Gibbons Fund
Kate Viola Gibson Fund
Gilan Fund
Lucille Renneckar Glass Fund
Louise Miller Glover Fund
Frances Goldin Scholarship Fund
Joan Gordon Scholarship Fund
George Coleman Gow Fund
The Michael Paul Grace Endowed
Scholarship
Graham Alumnae Fund
Harriette Westfall Greene Fund
Robina Knox Gregg Fund
Emma Catherine Gregory Fund
Kate Stanton Griffis Fund
The Lea Trinkka Grossi '72 Scholarship
Gertrude H. Grosvenor Fund

Helen Morris Hadley Fund
 Hager Scholarship Fund
 George S. & Esther E. Halstead Fund
 Ives Dulles Hannay '42 Endowed Scholarship Fund
 Marian Shaler Hanisch Fund
 H. Stuart Harrison Fund
 Evelina Hartz Fund
 Margaret D. Hayden 1939 Scholarship Fund
 Alice Hayes Fund
 Elizabeth Debevoise Healy & Harold Harris Healy, Jr. Fund
 Edward W. Hearon Memorial Fund
 William Randolph Hearst Endowment Fund
 Laura McNeely Hedrick Fund
 Heffernan Fund
 Hazel Bowling Heflin Fund
 John P. Herrick Fund
 Hersey Association Scholarship Fund
 Heloise E. Hersey Fund
 Bailey Wright Hickenlooper Fund
 Meredith Miller Hilson Fund
 Malcolm and Anna Robb Hirsh '37 Endowed Scholarship
 Adelaide F. and Alexander P. Hixon Endowment for Exploring Transfer
 Dorothy Deyo Munro and Cornelia Deyo Hochstrasser Scholarship Fund
 Robert and Martha Hoffman Fund
 Elizabeth Hogsett Fund
 Blanche Ferry Hooker Fund
 Julie Lien-Ying How Memorial Scholarship
 Mable Hastings Humpstone Fund
 Calvin Huntington Fund
 Dorothy D. Hurd Fund
 Lillia Babbitt Hyde Fund
 Helen K. Ikeler Fund
 Indiana Vassar Club Endowment Fund
 Martha Rivers Ingram '57 Fund
 Jane Lilley Ireson Fund
 Martha Turley Jack Scholarship
 Helen Hunt Jackson Fund
 Harriet Morse Jenckes Fund
 Bertha Tisdale Jenks Fund
 Elizabeth Jenks Fund
 Dorothy Jennings Class of 1932 Scholarship Endowment Fund
 Beth Johnson Memorial Fund
 Jane T. Johnson Fund
 Julia E. Johnson Fund
 Helen Lyon Jones Fund
 Leila D. Jones Fund
 Louise M. Karcher Fund
 Carol and James Kautz Trustee Scholarship at Vassar College
 Katharine Margaret Kay Fund
 Peggy Bullens Keally Fund
 Clara E.B. Kellner Scholars Fund
 Charlotte K. Kempner and Phyllis A. Kempner Scholarship Fund
 Dorothy W. King Fund
 Margaret Allen Knapp Scholarship Fund
 Adelaide Knight Fund
 Koopman Fund
 Bertha M. Kridel Fund
 Delphia Hill Lamberson Fund
 Lambert-Hall Fund for Studio Art
 Ellen Vorzimer Langner Fund
 Katharine P. Larrabee Fund
 Loula D. Lasker Fund
 Otis Lee Fund
 Margaret Anita Leet Fund
 Margaret Bashford Legardeur Fund
 Dorothy I. Levens Fund
 Susan J. Life Fund
 Elisabeth Locke Fund in Music
 Helen D. Lockwood Fund
 Julia B. Lockwood Fund
 Frances Lehman Loeb '28 Scholarship Fund
 Dorothy Hirsch Loeb '48 Scholarship Fund
 Louisiana Vassar Club Endowment Fund
 Polly Richardson Lukens Memorial Fund
 Hannah Willard Lyman Fund
 Lyndon Hall Alumnae Association Scholarship Fund
 Catherine Hubbard MacCracken Fund
 Majorie Dodd MacCracken Fund
 Martha H. MacLeish Fund
 Susan Zadek Mandel and Beth K. Zadek Fund
 Mabel Farnham Mangano Fund
 Mary Anna Fox Martel 1890 Memorial Scholarship Fund
 Mary Sue Cantrell Massad Fund
 Louise Roblee McCarthy Memorial Fund
 Emma C. McCauley Fund
 Richard H. McDonald Fund
 James C. McDonnell Fund
 Janet C. McGean Fund
 A. Madrigale M. McKeever Fund
 Maude McKinnon Fund
 Elizabeth L. Geiger McMahan Fund
 William C. McVail Scholarship Fund
 M. Frances Jewell McVey Fund
 J. Warren Merrill Fund
 Caroline Henshaw Metcalf Fund
 Michigan Vassar Club Endowment Fund
 Minnesota-Dakota Vassar Club Endowment Fund
 William Mitchell Fund
 Mohawk Valley Vassar Club Endowment Fund
 Mary E. Monroe Fund
 Mary H. Morgan Fund
 Eugenia Tuttle Morris Fund
 James B. and Emma M. Morrison Fund
 Maude Morrison Fund
 Christine Morgan Morton Fund
 Samuel Munson Fund

- Sylvia and Harry Nelson Fund and
 Gretchen Hawkins Nelson and
 Sylvia Allen Nelson Fund
 Mary Nelson Fund
 Sylvia A. and Harry D. Nelson Fund
 Virginia Shafroth Newton 1941 Fund
 New York Aid Fund
 Elizabeth Singer Nicholson Memorial
 Fund
 Nickerson-Elwell Scholarship Fund
 Philip Noehlin Memorial Fund
 North Carolina Vassar Club Endowment
 Fund
 Jean Anderson O'Neil Fund
 Florence White Olivet Fund
 Mary Olmstead Fund
 Marian Woodward Ottley Fund
 Lydia Babbott Paddon and Richard
 Paddon Fund
 Mary Cornelia Palmer Fund
 Mabel Pearse Fund
 Honoro G. Pelton Fund
 Catharine Walker Percopo '46 Fund
 Emma M. Perkins Fund
 Florence Clinton Perkins Fund
 Viva S. Perkins Fund
 Matilda C. Perry Fund
 Dorothy Persh Scholarship
 Philadelphia Vassar Club Endowment
 Fund
 Frances W. Pick Fund
 Mary Ellen and Bruce Eben Pindyck Fund
 Poughkeepsie Community Fund
 Sarah Goddard Power Memorial Fund
 Queen Marie Scholarship Fund
 Elizabeth McCandless Rainey Fund
 Sarah Tod Fitz Randolph Fund
 Frances Helen Rawson Fund
 John H. Raymond Fund
 Ellen Roth Reisman Memorial
 Scholarship Fund
 Emma A. Rice Fund
 Julia A. Richards Fund
 Delia Rosanna Robbins Fund
 Paul C. Roberts Fund
 President Franklin D. Roosevelt Fund
 Sandra Priest Rose Fund
 Barbara Hirsch Rosston Scholarship
 Endowment
 The Lucile Cross Russell Fund
 Alexander and Mary Ellen Saunders Fund
 Harriet Sawyer Fund
 Edna Bryner Schwab Fund
 Alice McAfee Scott Fund
 Miriam Tannhauser McNair Scott Art
 History Scholarship Fund
 Esther Sears Fund
 Ruth Sedgwick Fund
 Henrietta Buckler Seiberling Music Fund
 Senior Class Gift—Scholarship Fund
 Janet Warren Shaw Fund
 Mary E. Shepard Fund
 Susan Stein Shiva Fund
 Janet Gerdes Short '40 Endowed Scholar-
 ship Fund
 Lydia M. Short Fund
 Dorothy Linder Silberberg Fund
 Linda Sipress Scholarship
 James T. and Gertrude M. Skelly Fund
 Anna Margaret and Mary Sloan Fund
 Jane Prouty Smith Fund
 Reba Morehouse Smith Fund
 Blanche Brumbach Spitzer Fund
 Kittie M. Spring Fund
 Carol L. Stahl Fund
 Catharine P. Stanton Fund
 Louise J. Starkweather Fund
 Mary Isabella Starr Fund
 Florence Finley Stay Scholarship
 Lucy W. Stedman Fund
 Mary Betty Stevens, M.D. Fund
 Clara Sax Strasburger Fund
 Ernest and Elsie Sturm Fund
 Summer Institute of Euthenics
 Scholarship Fund
 Solon E. Summerfield Fund
 Diana Ward Sumner Fund
 Surdna Foundation Scholarship Fund
 Helen B. Sweeney Fund
 Marian Stanley Sweet Fund
 Texas Scholarship Fund
 Florence White Thomas Fund
 Mary Rogers Thomas Memorial Fund
 Sarah and Elizabeth Thomas Fund
 Adalyn Thompson Fund
 John Thompson and Benson Van Vliet
 Fund
 C. Mildred Thompson Fund
 James and Theresa Thornbury Fund
 Ada Thurston Fund
 Charlotte F.K. Townsend Fund
 Emily Allison Townsend Fund
 Margaret Pope Trask Endowment Fund
 Jane B. Tripp Fund
 Thomas Tsao '86 Memorial Fund
 Cordelia F. Turrell Fund
 Ruth Updegraff Scholarship Fund
 Janet Graham Van Alstyne 1922
 Scholarship Fund
 Esther Ruth Van Demark Fund
 Dr. Helen VanAlstine Scholarship Fund
 Yannis Pavlos Vardinoyannis Fund
 Matthew Vassar Auxiliary Fund
 Vassar Club of New York City Scholarship
 Fund
 Vassar Club of St. Louis Fund
 Matthew Vassar Jr. Fund
 Valerie Vondermuhll Fund
 Harriett F. Hubbell Vossler Fund
 Annetta O'Brien Walker Fund
 Cornelia Walker Fund
 Washington State Vassar Club
 Endowment Fund
 Dr. Caroline F. Ware Fund

Waterman-Neu Fund	Edward and Elizabeth Williamson Fund
Watkins-Elting Scholarship Fund	Katharine Mathiot Williston Fund
Elizabeth Wylie Webster Fund	Florence Ogden Wilson Fund
Mary C. Welborn Fund	Woodrow Wilson Fund
Emma Galpin Welch Fund	Winbrook Scholarship Fund
Agnes B. and Elizabeth E. Wellington Fund	Lucy Madeira Wing Fund
Jill Troy Werner '71 Endowed Scholarship	Annie Carpenter Winter Fund
Clara Pray West Fund	David, Helen and Marian Woodward Fund
Westchester Vassar Club Endowment Fund	and Marian Woodward Ottley Fund
Dorothy Marioneaux Whatley Fund	Dr. Gladys Winter Yegen Fund
Dorothy Whitman Fund	Mary Stout Young Fund
Martha McChesney Wilkinson & Ruth Chandler Moore Class of 1918 Fund	Jacob Ziskind Fund
The Lois P. Williams '16 Scholarship Endowment	Professor Anita Zorzoli Scholarship Endowment
	75th Anniversary Scholarship Fund

Additional scholarship funds were made available by the following Vassar Clubs during the 2005/06 academic year from gifts and endowments:

Boston	Naples, Florida	Syracuse
Chicago	New Haven	Tucson
Cleveland	New York	Vermont and New
Colorado	Palm Beach/Martin Counties	Hampshire
Hartford	Philadelphia	Washington, D.C.
Indiana	Poughkeepsie Area	Westchester
Jersey Hills	Rhode Island	Western New York
Kansas City	Rochester	Wisconsin
Central Kentucky	Saint Louis	
Minnesota and Dakotas	Santa Barbara	

Fellowships

A limited number of fellowships are available for graduate study. The fellowship funds have been established by friends of the college to encourage Vassar graduates to continue their studies in the United States or abroad, either in work toward an advanced degree or in the creative arts. Since the stipends do not cover the full amount needed for graduate work, applicants are strongly advised to apply simultaneously for outside grants. For information concerning graduate fellowships, students should consult their departmental adviser or the Director of the Office for Fellowships and Graduate School/Preprofessional Advising.

Members of the graduating class and recent graduates of Vassar College are eligible as specified under each fellowship. Applications should be made before February 2007, to the Committee on Fellowships. Application forms for all Vassar fellowships are available from the Office for Fellowships and Graduate School/Preprofessional Advising.

Vassar College Fellowships

Mary Richardson and Lydia Pratt Babbott Fellowship	The Oppi Handler Fellowship
Katherine Jones Baker Fellowship— <i>Biological sciences, medicine, chemistry, or physics</i>	Elizabeth Skinner Hubbard Fellowship— <i>Religion</i>
Phyllis Hunt Belisle— <i>Mathematics</i>	James Ryland and Georgia A. Kendrick Fellowship
Eliza Buffington Fellowship— <i>Research</i>	Abby Leach Memorial Fellowship— <i>Greek history, archaeology, art, literature</i>
Nancy Skinner Clark Fellowship— <i>Biology</i>	Maguire Fellowship— <i>Study in another country in which a student can pursue his or her special interests in the humanities, broadly defined</i>
DeGolier Fellowship	Helen Brown Nicholas and John
Eloise Ellery Fellowship	
Dorothy A. Evans Fellowship	

Spangler Nicholas Fellowship—*Science at Yale University*
Mary Pemberton Nourse Fellowship—*Medicine, social work, public health*
Margaret C. Peabody Fellowship—*International relations*
Helen Dwight Reid Fellowship—*International relations*
Mary Langdon Sage Fellowship—*Chemistry*

Belle Skinner Fellowship—*Study of history in France*
Adolph Sutro Fellowship
Elinor Wardle Squier Townsend Fellowship—*Art, preferably abroad*
Louise Hart Van Loon Fellowship
Margaret Floy Washburn Fund—*Psychology*
Emilie Louise Wells Fellowship—*Economics*

W. K. Rose Fellowship

This fellowship is made possible by a bequest from the estate of W. K. Rose, a distinguished scholar and teacher who was a member of the Vassar English department from 1953 until his untimely death in the fall of 1968. Its object is to provide a worthy young artist with a chance to be free after college to pursue his/her work as an artist. All Vassar graduating seniors and Vassar alumnae/i under the age of 36 at the time of the deadline who demonstrated a creative talent in their years of undergraduate study, who are not presently employed by the college, and who have not already attained substantial recognition in their field will be considered eligible. Applications should be requested through the W. K. Rose Fellowship Committee or the Director of the Office for Fellowships and Graduate School/Preprofessional Advising and are due by January 15, 2007.

Academic Internship Funds

The funds listed below help support Vassar's endowment for academic internships in the sciences, humanities, and social sciences. Students do not apply for specific endowed funds; rather, they apply for participation in either the URSI or Ford Scholars academic internship programs.

Mr. and Mrs. Noah Barnhart, Jr. Fund for Academic Internships in the Humanities and Social Sciences
Gabrielle Snyder Beck Fund
Elise Nichols Bloch 1903 and Margaret Sawyer Bloch 1936 Fellowship
Class of 1942 Fund for the Environmental Sciences
Christian A. Johnson Endeavor Foundation Fund

Terry Gordon Lee '43 Memorial Internship Fund
The New York Community Trust—The John L. Weinberg Family Fund
Bruce Eben and Mary Ellen Pindyck Internship in Art
Nancy Olmsted '60 Fund
Joseph H. and Florence A. Roblee Foundation Fund
C.V. Starr Foundation Fund

Alumnae and Alumni of Vassar College (AAVC)

Founded in 1871 and governed by an independent board of directors, AAVC's mission is to lead the alumnae/i in advancing the interests of Vassar College. In addition, AAVC strives to be relevant to the alumnae/i and to Vassar College by sustaining a sense of community, maintaining traditions, sharing resources, fostering connections, and encouraging a lifelong desire to know. Once their class graduates, all matriculated students of the college are considered members of AAVC with voting privileges.

AAVC connects the more than 34,000 Vassar alumnae/i worldwide with each other and the college through classes, clubs, and affiliate groups; reunions, mini-reunions, and travel programs; online and print publications; and regional, on-campus, and young alumnae/i events. For example, AAVC organizes 100 nights after graduation parties in multiple cities across the country; sponsors AAVC Distinguished Achievement Award winners to visit classes and lecture on campus; supports affiliate group initiatives, such as the African-American Alumnae/i of Vassar College alumnae/i-student mentoring program; and hosts the Vassar College reunion weekend each June. In addition to these programs, AAVC works closely with the college by co-sponsoring programs such as alumnae/i interviewers (Office of Admission), networking events (Office of Career Development), regional events coordinated around traveling teams (Office of Athletics), and faculty lectures at regional club gatherings (Office of Dean of the Faculty).

The official publication of AAVC, *Vassar, the Alumnae/i Quarterly*, is published in the fall, winter, spring, and summer and is distributed to all alumnae/i, faculty, and administrators. Each issue is also placed in racks in the College Center, athletic facility, and library for students. The magazine includes articles about alumnae/i, on-campus activities, students, and faculty, as well as Class Notes.

AAVC manages and operates Alumnae House as a welcoming on-campus home for alumnae/i. The House was given to the college by two alumnae in 1924. Its Tudor-style architecture and gracious atmosphere make it a pleasant gathering place for alumnae/i, faculty, students, administrators, staff, and the local Hudson Valley community. Members of the Vassar community enjoy the House with overnight stays, meals at the Pub, family celebrations, and business gatherings. Reservations are required. For information, call 845-437-7100 or write Alumnae House, 161 College Avenue, Poughkeepsie, NY 12603.

The AAVC executive director manages the affairs and staff of the association in accordance with the policies determined by the board. The rotating AAVC Board includes the AAVC president, who is chief officer of AAVC, chair of its board of directors, and a college trustee. In total, six of the twenty-two AAVC directors sit on the Vassar College Board of Trustees. The association takes its direction from the more than 35,000-member constituency whose volunteer leadership, perspective, and energy help guide and support the college.

Academic Information



Bill Denison

The foyer of the Thompson Memorial Library

“Architecture should speak of its time and place, but yearn for timelessness.”

—Frank Gehry (1929-)

Degrees and Courses of Study

Vassar College offers a balanced course of study leading to the degree of Bachelor of Arts. To permit flexibility, it also offers an opportunity for a four-year program leading to a combined Bachelor of Arts and Master of Arts or Science degree in a limited number of specified areas. It encourages students to pursue the degree through the development of a coherent program of study that recognizes, as much as possible, individual needs.

Requirements for the Degree of Bachelor of Arts

Units

Each candidate for the bachelor of arts degree is required to complete 34 units of work, equivalent to the standard of 120 semester hours recognized by the Board of Regents of the University of the State of New York. The system of units is fourfold:

- a) the single unit, a course for one semester
- b) the half unit, equivalent to one-half of a semester course taken over an entire semester or for a half-semester only
- c) the double unit, consisting of a year sequence of semester courses or the equivalent of two semester courses in one term
- d) the unit and a half earned in one course over one semester

Freshman Course, Quantitative Course, and Foreign Language Requirements

All graduates must comply with the Freshman Course requirement, the Quantitative Course requirement, and the foreign language proficiency requirement as described on page 44.

Residence

Four years of full-time enrollment is the usual length of time expected for the baccalaureate degree. However, students may be permitted to spend a longer or shorter time. The fact that many students will benefit from a break in the four-year sequence is acknowledged and reflected in the residence requirement. While students are expected to make orderly progress toward the degree, they are encouraged to move at the pace and in the fashion which suits their needs and those of their chosen program. Students who want to accelerate their degree program should consult with the Dean of Studies.

Residence Requirement

1. A student choosing a regular four-year program must spend at least three of those years in residence.
2. Students on a three-year program (accelerating students, those entering with a considerable number of prematriculation Advanced Placement credits, those transferring after one year at another college) would normally be expected to spend two and one-half years in residence. If special one-year off-campus programs—e.g., Junior Year Away or academic leave of absence—were deemed essential to their studies, the residence requirement would be reduced to two years in those cases by permission of the Committee on Leaves and Privileges.
3. Students entering Vassar as juniors must spend two years in residence and elect at least 17 units—the minimum amount of Vassar work required of transfer students for a Vassar baccalaureate degree.
4. Any special permissions relating to the residence requirement (academic leaves of absence, acceleration) must be sought individually from the Committee on Leaves and Privileges by February 15 of the previous academic year.
5. All students must be in residence for at least two semesters of their junior and senior years in college.

Attendance at Class

The educational plan of Vassar College depends upon the effective cooperation of students and teachers. Each student bears full responsibility for class attendance, for completing work on schedule, and for making up work missed because of absence. In cases of extended absence the instructor may, with the approval of the Dean of Studies, refuse a student the opportunity to make up work or to take the final examination, or may exclude a student from the course.

To protect the integrity of the academic year, students are required to be in residence by midnight of the day before classes begin in each semester. Exception from this rule is by prior permission of the Dean of Studies.

The Vassar Curriculum

Vassar offers students a choice of four ways to proceed toward a degree which embodies an education that is personally significant. They are: concentration in a department, the Independent Program, and the multidisciplinary and interdepartmental programs.

Freshman Courses

Each year several introductory courses, designated Freshman Courses, provide entering students the opportunity to develop particular abilities in a small class setting along with fellow freshmen who are making the transition to college work. Intended as introductions to the collegiate experience, these courses are limited in enrollment to nineteen freshmen and are offered in a variety of disciplines. In general, they serve as introductions to those disciplines. Particular attention is given to the effective expression of ideas in both written and oral work.

All entering freshmen are required to elect at least one Freshman Course. The Freshman Course offerings are listed every year in the *Freshman Handbook*.

Quantitative Courses

Numeracy, like literacy, is important in a liberal education. Accordingly, all Vassar students are required before their third year to complete at least one full-unit course that shall develop or extend the student's quantitative or numerical skills. Qualifying courses are designated by the faculty and are noted in the schedule of classes.

Exemption from this requirement is limited to students who have completed equivalent coursework at another college or university as certified by the Dean of Studies.

Foreign Language Proficiency

Recognizing the unique importance in undergraduate education of the study of foreign languages, the Vassar curriculum provides for both study of and concentration in French, German, Greek, Italian, Latin, Russian, and Spanish. In addition, students may learn American Sign Language, Arabic, Chinese, Japanese, Hebrew, and Old English and, through the Self-instructional Language Program, Hindi, Irish, Korean, Portuguese, Swahili, and Swedish.

All three- and four-year students whose first language is English are required before graduation to demonstrate proficiency in a foreign language by one of the following six ways:

- a) one year of foreign-language study at Vassar at the introductory level or one semester at the intermediate level or above;
- b) the passing of a proficiency examination administered by one of the foreign language departments, the Self-Instructional Language Program or, for languages not in the Vassar curriculum, by the Office of the Dean of Studies;
- c) Advanced Placement score of 4 or 5 in a foreign language;
- d) SAT II achievement test score in a foreign language of at least 600;
- e) equivalent foreign-language coursework completed at another institution; such courses may involve languages not taught at Vassar; or
- f) completion of Old English and Beowulf (English 235 and 236); both Old English and Beowulf must be completed to satisfy the requirement.

College Course

The College Course program was established to ensure that students can have direct exposure in their years at Vassar to some important expressions of the human spirit in a context that is both multidisciplinary and integrative. The aim of introductory level College Course is to study important cultures, themes, or human activities in a manner that gives the student experience in interpreting evidence from the standpoint of different departments. The courses relate this material and these interpretations to other material and interpretations from other departments in order to unite the results of this study into a coherent overall framework. The interpretations are expected to be both appreciative and critical; the artifacts will come from different times, places, and cultures; and the instructors will come from different departments.

Concentration in a Department

A student may choose a curricular program and a major within a field of concentration at any time until the end of the second year of study or the midpoint in the student's college years. The choice must be filed with the Registrar.

Minimum requirements for the concentration vary with the department. At least half of a student's minimum requirements in the field of concentration must be taken at Vassar.

Of the 34 units required for the degree, students may not take more than 50 percent or 17 units in a single field of concentration. At least one-fourth of the 34 units, or 8½ units, must be in one or more of the divisions of the curriculum outside the one in which the student is concentrating. This minimum may, with rare exceptions, include interdepartmental courses or courses offered by the multidisciplinary programs. No more than 2 units of the 34, with the exception of physical education 110, 390, and all dance, may be for work in physical education.

It is strongly recommended that students take courses in each of the four divisions at Vassar. Students are also expected to work in more than one department each semester.

These are the curricular divisions:

Arts	Foreign Languages and Literatures	Social Sciences	Natural Sciences
Art	Chinese	Anthropology	Astronomy
Drama	French	Economics	Biology
English	German Studies	Education	Chemistry
Film	Greek	Geography	Computer Science
Music	Hebrew	History	Geology
Physical	Hispanic Studies	Philosophy	Mathematics
Education	Italian	Political Science	Physics
and Dance	Japanese	Religion	Psychology
	Latin	Sociology	
	Russian Studies		

Independent Program

The Independent Program is available to any student who wishes to elect a field of concentration that is not provided by one of the regular departments or the interdepartmental or multidisciplinary programs of the college. Consequently, the student's own specially defined field of concentration will be interdisciplinary in nature, and may draw upon various methods of study, on and off campus.

A student may apply for admission to the independent program no earlier than the second semester of the freshman year and normally no later than the end of the sophomore year. The guidelines and requirements of the independent program are described on page 246.

Interdepartmental Programs

Interdepartmental programs are concentrations in which the concerns of two or more

academic departments come together, under the supervision of participating faculty members. They differ from the multidisciplinary programs mainly in that their subjects are by their nature joint concerns of the departments involved and are accessible through the methods and approaches appropriate to these disciplines. Through cooperation in curricular planning, scheduling, and advising, interdepartmental programs offer students coherent courses of study within the levels of instruction of the participating departments. At the present time, Vassar offers six interdepartmental programs—bio-chemistry; earth science and society; geography-anthropology; medieval and renaissance studies; neuroscience and behavior; and Victorian studies. The regulations and requirements of these programs are specified under course listings.

Fulfillment of distribution requirements for students in an interdepartmental concentration is determined in consultation with an adviser in the program.

Multidisciplinary Programs

Each multidisciplinary program concentrates on a single problem or series of problems that cannot be approached by one discipline alone. The integration and coherence of the program are achieved through work of ascending levels of complexity. At the present time, Vassar has twelve fully developed multidisciplinary programs—Africana studies; American culture; Asian studies; cognitive science; environmental studies; international studies; Jewish studies; Latin American and Latino/a studies; media studies; science, technology, and society; urban studies; and women's studies. The regulations and requirements of these programs are specified under course listings.

Fulfillment of distribution requirements for students in a multidisciplinary concentration is determined in consultation with the adviser in the program.

Double Major

Students wishing to apply to the Committee on Leaves and Privileges for permission to take a double major, in which they fulfill all the requirements of each field of concentration concerned, may do so after obtaining the permission of the appropriate advisers and department chairs. Generally, students seeking a double concentration are expected to have a good academic record. They should present a clear statement to the committee indicating the academic advantages expected from study in the two proposed fields.

Correlate Sequence

In addition to an elected field of concentration, a student may undertake an optional correlate sequence in one of the following areas:

Africana studies, ancient societies, anthropology, art history, Asian studies, astronomy, biology, chemistry, Chinese, classics, computer science, economics, English, French, geography, geology, German, Greek, Hispanic studies, history, Italian, Japanese, Jewish studies, Latin, Latin American and Latino/a studies, mathematics, medieval and renaissance studies, music, philosophy, physics, political science, religion, Russian studies, urban studies, Victorian studies, women's studies.

The correlate sequence provides the opportunity to organize studies outside the major field of concentration, progressing from introductory to advanced work under the guidance of an adviser in the relevant department or program. A sequence usually consists of 6 units, selected to acquaint the student with the methodology of the field and to permit achievement of some depth of learning in at least one of its areas of knowledge. The mere amassing of units is not acceptable. Ordinarily, no more than 2 units may be courses taken at another school. Specific requirements for each sequence are noted in the individual department or program section of the catalogue.

Students interested in pursuing a correlate sequence should complete a Declaration of Correlate Sequence form available from the Office of the Registrar.

Part-Time Status

Ordinarily, all matriculated students will be required to register full time (a minimum of 3.5 units) for eight semesters or until they complete the requirements for their de-

gree, whichever comes first. Part time status (fewer than 3.5 units, reduced tuition) is reserved for students who, for documented (e.g. medical) reasons, will need to reduce their course load for several semesters. Students who, for documented reasons, require a reduced course load for a single semester may be eligible for full time underload status (fewer than 3.5 units, full tuition). All requests for part time status or full time underload status should be submitted to the Committee on Leaves and Privileges, which will evaluate the academic merits of each request. Students considering part time status who receive financial aid should also consult with the Office of Financial Aid about possible financial implications.

Leaves of Absence

Vassar allows its students two kinds of leaves of absence: academic and nonacademic. Both kinds of leaves are granted upon application through the Office of the Dean of Studies before appropriate deadlines announced annually. Applications for academic leaves, except when of an emergency nature, should be made before February 15 of the academic year before the one for which they are sought.

An academic leave of absence will be granted to a student for a semester or a year within the general framework of sensible and promising academic purpose. It may be granted to a student who wishes to take coursework of a particular kind at another institution or to a student who wishes to gain a different academic perspective. Departmental advisers help students in planning programs which include academic work elsewhere. In certain departments, leaves in the sophomore year may be more desirable than leaves in the junior year, and vice versa. Approved academic leaves may be rescinded if a student's grades fall below the level required for approval.

Any student seeking such an academic leave should consult the appropriate adviser in the Office of the Dean of Studies in sufficient time to allow for conferences with faculty advisers, followed by submission of an application to the Committee on Leaves and Privileges before the February 15 deadline. Nontransfer students may include no more than 10 units of work taken elsewhere in the 34 units presented for the Vassar baccalaureate degree. For transfer students, the maximum is 17 units.

Leaves of a nonacademic nature generally fall into two categories—leaves for medical reasons and leaves for students who want a period of time off to do something quite different from academic work. These may be leaves for employment or merely for personal reorientation. To aid students seeking employment during personal leaves of absence, Vassar has joined in consortium with seven other colleges and universities in the College Venture Program, which develops job placements in public or private organizations, and which maintains a job bank in the Office of Career Development. In any of these cases, the request for leave should be carefully considered by the appropriate adviser and approved by the Dean of Studies. Applications for nonacademic leaves, except when of an emergency nature, should be made before April 1 of the academic year before the one for which they are sought. Students should submit a written, signed request for nonacademic leaves to the dean of studies. In exceptional circumstances, students may apply for retroactive credit, but in general, students will not receive credit for academic work undertaken while on a personal leave of absence.

The college reserves the right to limit leaves, within the framework of residential and academic policies. Ordinarily, nonacademic leaves of absence are limited to at most two consecutive semesters.

Foreign Study Study Abroad

Appropriately qualified students may study abroad on approved programs under conditions set by the Committee on Leaves and Privileges. Usually, but not always, foreign study is planned for the junior year.

All students interested in foreign study should discuss the possibilities with their departmental advisers, and then submit an application to the committee through the study away office. Study abroad can be especially valuable for students majoring in foreign languages and literatures, and international studies. It may also complement

work in other departments and programs. Students should discuss their program with their academic adviser.

As study abroad generally poses particular challenges for students, the college must require reasonable standards of academic performance of students applying for this privilege. In order to merit consideration by the committee, a student requesting permission to study abroad must have a compelling academic rationale as well as the strong support of the adviser and the department concerned, a good academic record (ordinarily with a Vassar College gpa of 3.2 or better), and the foreign language background specified in junior year away guidelines, usually a minimum of two years of college study.

Information on procedures and an application are available in the reading room of the study abroad office in Main Building, room N-173. Students wishing to make an application should consult these office materials.

Students planning academic leave for one term only should plan to take the leave during the first semester, if possible. Leaves for b-term only are limited to those who can provide strong, specific justification based on academic grounds.

Academic Year Programs

Berlin Consortium for German Studies

Based in the city of Berlin and managed by Columbia University, the Berlin Consortium for German Studies (BCGS), of which Vassar College is an Associate Member, offers an intellectually challenging and diverse program of study meeting the highest academic standards common to its member institutions. The BCGS provides students with the opportunity to enroll in courses at the Freie Universität Berlin (FU Berlin) for spring semester or a full academic year. The program begins with a six-week intensive language practicum, which, in conjunction with a month long homestay, prepares students for study at the FU Berlin. Upon completion of the practicum, students enroll in one course taught by the BCGS directors on a topic such as culture, politics, history, literature, theater, or cinema; and for at least two, possibly more, FU Berlin courses for which they meet the prerequisites. Program tutors are available to assist BCGS students with the transition into the German university system. Cultural activities and field trips support the academic program. Some students also intern during the semester and between the fall and spring semesters.

Vassar-Wellesley-Wesleyan Program in Bologna

Vassar College, Wellesley College, and Wesleyan University offer a study abroad program at the Università di Bologna in Italy. The program is committed to high academic standards and to providing opportunities for students to develop their knowledge of the Italian language and culture in one of the most venerable and prestigious academic environments in Europe.

Undergraduates wishing to study humanities and social sciences may enroll for the fall or spring semesters or for the full academic year. Students who enroll for the full year or for the spring semester and who have at least an intermediate knowledge of Italian complete two regular university courses at the Università di Bologna, as well as take courses in language and Italian studies offered by the program. Since all courses are offered in Italian, participants must have completed the equivalent of second-year Italian. Those interested in applying should consult with their advisers before making a formal application to the dean of studies, study away office, Main N-173.

Vassar-Wesleyan Program in Paris

Qualified students majoring in any discipline may spend a semester or an academic year with the Vassar-Wesleyan Program in Paris. The program offers courses in language, culture, literature, art, the social sciences, and women's studies. Additionally, many courses are available through the University of Paris. Courses cover France and the French-speaking world (for course descriptions, see the listing for French). Students normally participate in their junior year, but sophomores and seniors are also eligible. Since all courses are given in

French, participants should have completed a 200-level course above French 213 or the equivalent. Those interested in applying should consult with their advisers and with the Department of French before making formal application through the dean of studies, study away office, Main N-173.

Vassar-Wesleyan Program in Spain

Qualified students, regardless of their field of concentration, may spend a semester or an academic year with the Vassar-Wesleyan Program in Spain studying at Universidad Carlos III de Madrid. The program offers courses in Spanish language, literature, history, art, politics, and society (for course descriptions, see the listing for Hispanic Studies). Students normally participate in their junior year, but qualified sophomores and seniors are also eligible. Since all courses are given in Spanish, participants must have completed the equivalent of second-year Spanish (Hispanic Studies 205, 206). Those interested in applying should consult with their advisers and with the Department of Hispanic Studies before making formal application through the dean of studies, study away office, Main N-173.

Vassar Program in Morocco

Qualified students may spend the fall semester with the Vassar Program in Morocco. The program offers courses in Moroccan and classical Arabic, history, and anthropology as well as an elective option in the French speaking division of Mohammed V University (for course descriptions, see the listing for Africana studies). Students normally participate in their junior year. Participants are expected to have taken appropriate area courses offered at Vassar before studying abroad. Those interested in applying should consult with their advisers and with the Africana Studies Program before making a formal application through the dean of studies, study away office, Main N-173.

Vassar in St. Petersburg, Russia at European University

Qualified students with an interest in Russian Studies and/or art history may spend the fall semester at European University in St. Petersburg studying art, history and language and culture. The St. Petersburg program is unique in allowing students virtually unlimited access to the Hermitage Museum with its collection of Western art that is rivaled only by such famous sites as the British Museum or the Louvre. Our students are granted equally unrestricted access to the Russian Museum, a treasure-trove of Russian art ranging from medieval icons to Malevich and beyond. Classes are held under the tutelage of Hermitage curators and professors of the city's European University. No previous exposure to Russian language is required, since the three principal courses are offered in English. All students must be enrolled in a Russian language course at their appropriate level. Additional instruction in Russian can be arranged for advanced Russian speakers.

Clifden, Ireland: Internship in Irish Schools

Vassar College, in cooperation with the Clifden Community School, Clifden Ireland, offers a one-semester internship in Irish elementary or secondary education. Students interested in teacher certification, the theoretical study of education, or the study of cross-cultural education are assigned as interns in the elementary or secondary school in Clifden Ireland. They may also take a "half-tutorial" of study at University College, Galway, in areas such as history: English, psychology, history of art, physical sciences, geography, or other subjects taught in the general university curriculum. Those interested in applying should consult with their adviser and the Department of Education before making formal application through the dean of studies, study away office, Main N-173.

***Summer Programs**

Vassar Summer Language and Culture Program in Qingdao

Vassar College offers a Chinese language and culture summer program at Qingdao

*If a student takes more than 2 units the student will be charged the part-time rate.

University, Qingdao, China. The program is committed to high academic standards and to providing opportunities for students to develop their knowledge of Chinese language and culture in an authentic linguistic environment of total immersion. The program lasts eight weeks, and there will be a one-week cultural excursion in Beijing and an optional two-day stay in Shanghai.

The program is open to all Vassar students. Based on the level of language instruction needed by actual participating students, the program offers introductory, intermediate, advanced, and high-advanced courses. These courses are taught by the faculty members of Qingdao University, who specialize in teaching Chinese as a second language. A student may take one of the four language sequence courses—Chinese 105-106, Chinese 205-206, Chinese 306-306 and Chinese 340-341. Chinese 201 (Special Topics) is offered to complement the cultural aspect of the advanced courses. Additionally, each student may take two mini-courses of Chinese calligraphy and martial arts. Each language sequence course includes daily four hour morning sessions of intensive language instruction, afternoon one-on-one sessions of oral practice with a native Chinese college student, one to two weeks of home stay with a Chinese family, weekend excursions (including Confucius, Residence, Temple and Tomb), interactive recreational activities with Chinese faculty members and students, and an adequate amount of time for students' self-study. Upon the successful completion of the entire program, a student will earn three units of Vassar credit, which can be used to fulfill the College's one-year requirement of foreign language and/or count towards the fulfillment of the requirements of the Chinese major or minor, or majors in other multi-disciplinary programs where Chinese language courses can be counted. For course descriptions, see the section under the Chinese and Japanese Department or consult the department.

Vassar Summer Language and Culture Program in Japan

Vassar College offers an eight-week summer language and culture program at Ochanomizu University, starting in early June and continuing through the end of July. This program provides a combination of intensive language training and cultural immersion in Tokyo, Japan's capital.

The program is open to all Vassar students. Different levels of Japanese language courses are offered in a particular year based on the needs of the participants. These courses count towards both the Major and Correlate Sequence in Japanese at Vassar College, or majors in other multi-disciplinary programs where Japanese language courses can be counted. Students can also use these courses to fulfill the College's one-year foreign language requirement. The classes meet three hours a day, Monday through Friday. During the afternoons, the students can participate in the university's cultural activities, such as traditional Japanese dance, tea ceremony, and flower arrangement. On the weekends, the program organizes excursions to nearby cultural sites. The students live in Ochanomizu University's dormitory or in carefully selected private homes, where they have daily interaction with native Japanese people. For more information, consult the Department of Chinese and Japanese.

Vassar German Summer Program in Münster

Vassar College, in conjunction with the College of William and Mary and Sweet Briar College, conducts an intensive summer program with the opportunity to study and travel in Germany during a seven-week period. The program entails a five-day informal trip through Germany, a five-week homestay with a German host-family, and a six-day excursion to Weimar and Berlin. While in Münster, students take courses in German conversation, literature, and culture. Students who successfully complete the program receive 2 units of graded Vassar credit. Minimum requirements are the completion of German 105 and 106, or the equivalent, and the recommendation of the instructor. For further information consult the Department of German Studies.

Vassar Spanish Language Summer Program in Mexico

Vassar College offers an intensive six-week summer program in Oaxaca, Mexico. This

program offers a mix of classroom and experiential learning opportunities in the city of Oaxaca, located 250 miles southeast of Mexico City, nestled in a highland valley at an altitude of 5,000 feet above sea level. Students have three hours of intensive language instruction and a one-hour conversation class Monday through Friday. Students also participate in a seminar course two afternoons a week taught by a Vassar College professor.

In the afternoons, students have the option of participating in workshops on topics such as Mexican history, cooking, back strap loom weaving, ceramics, music and dance. These two-hour sessions are taught by indigenous instructors of these arts. Students may also participate in the intercambio or language exchange program with local university students and professionals who are eager to speak Spanish with institute students in exchange for a chance to practice their English.

On the weekends, the Vassar College Summer Program in Mexico organizes tours and trips that build on the students' course work. Program fees include two extended weekend trips to destinations such as Mexico City, San Cristóbal de las Casas or Yucatán. On other weekends, students have the opportunity to tour nearby archaeological sites, indigenous markets and artisan villages around the central valley of Oaxaca.

The intermediate Spanish language courses offered in this program are taught by qualified instructors at the Instituto Cultural Oaxaca and focus on contemporary language and culture. These intermediate level courses count towards both the Hispanic Studies Major and Correlate Sequence, and fulfill the Vassar College language requirement.

During the program students receive room and board in carefully screened, private homes, where they experience Mexican family life and practice their Spanish.

This program is open only to matriculated Vassar students. To be eligible the student must have completed two terms of Elementary Spanish, Basic Spanish Review, or equivalent (two or three years of high school Spanish).

Vassar Siena Summer Program

Vassar College offers an intensive summer program with the opportunity to study and travel in Italy during a seven-week period. Program participants are matched with a student at the University of Siena with whom they meet regularly. Special lectures supplement the program.

Classes at the third and fourth semester level meet three and one half hours a day, Monday through Friday, and focus on contemporary language and culture. These courses, designated Italian 205 and 206, count towards both the Italian major and the Correlate Sequence in Italian at Vassar College. The program includes visits to Rome at the beginning and the end of the program. As guests of its owner, a Vassar alumna, there is a visit to the Villa Spannocchia, the seat of the Etruscan Foundation and a center for the study of alternative farming and environmental preservation. There are long weekend trips to Venice and Padua, local field trips to Florence, cradle of the Renaissance, the countryside around Siena (Pienza, Castiglione d'Orcia, the Chianti Region) and some open-air spas. Students also have two free weekends to explore nearby regions: the Italian Riviera, Portofino, and the Cinque Terre, the Tuscan islands (Elba, Giglio, Capraia), the hill-towns of Umbria (Assisi, Spoleto, and Perugia), and the marble quarries and beaches of Versilia.

The program is also open to students in good standing at other institutions who have completed two semesters of elementary Italian, or the equivalent. The program is directed by Vassar College Italian Department faculty. Courses are taught by local university faculty with teaching experience in the United States. For further information consult the Department of Italian.

Domestic Study, Off Campus

Venture/Bank Street

Urban (NYC) Education Semester

Vassar College, in cooperation with Venture/Bank Street, offers a two-semester program in urban education. Students interested in teacher certification, the theoretical

study of education, or the study of cross-cultural education are assigned as interns in New York City public schools. In addition to the 2 unit internship, students also take three additional courses at Bank Street College. Those interested in applying should consult with their adviser and the Department of Education before making formal application through the Office of the Dean of Studies.

Exchange Programs

Vassar students may apply, with the approval of their major department adviser, to study for a year or a semester at Amherst, Bowdoin, Connecticut College, Dartmouth (year only), Mount Holyoke, Smith, Trinity, Wellesley, Wesleyan, Wheaton, or all member colleges of the Twelve College Exchange Program. Included in the possibilities are a semester at the Eugene O'Neill Memorial Theatre Center in Waterford, Connecticut, with academic credit sponsored by Connecticut College, and a semester of studies in maritime history and literature, oceanography and marine ecology at the Mystic Seaport in Mystic Connecticut, with academic credit sponsored by Williams College. In addition, students may apply to study at one of the following historic black colleges: Howard University, Morehouse College, and Spelman College. Election of specific courses at Bard College is also possible. For a more complete list of programs within the United States as well as an explanation of the Academic Leave of Absence, students should consult the Study Away website which can be accessed through the Vassar home page.

For information about the application process and credit transfer related to exchanges and Academic Leaves of Absences students should consult the office of the Dean of Studies.

Field Work

Offered by most departments for academic credit, field work enables students to examine the way the theories and the practical experiences of a particular discipline interact. It provides opportunities for observation and participation which are not ordinarily available in classwork. Depending on their academic interests, students undertake internships in a variety of organizations and agencies in the local community and other places. Every field work student is supervised by a faculty member who evaluates the intellectual merit of the proposed field work, determines the amount of credit to be given, and decides upon the academic requirements for the awarding of credit. Generally, field work students have prerequisites or a corequisite in the faculty member's department.

Field work may be done during the academic year or in the summer. Students interested in field work placements should consult the director of field work during preregistration or at the beginning of each semester. Students seeking credit for summer placements must complete their registration before they leave campus. Students may not apply for retroactive field work credit.

During the academic year, some students commute to New York City or Albany one or two days a week to serve as interns in government, nonprofit organizations, or businesses. In cooperation with the career development office, the field work office also maintains an extensive listing of summer internships. The field work committee may approve academic credit for nonresidential placements for a semester away for special programs proposed by students and their advisers in consultation with the director of field work.

Transfer Credit

Students attempting to transfer credit from other institutions are advised that only those courses completed with a grade of "C" or better will receive credit toward the Vassar degree. Beginning with work completed Fall of 2002, all post-matriculation transfer credit will be listed on the Vassar transcript along with the grades earned at the home institution. However, only Vassar work will be computed into the Vassar cumulative grade-point average.

Summer Work

Summer Work Taken at Vassar

Students taking summer ungraded work of any kind for Vassar credit are limited to a maximum of 2 units per summer. The deadline for application for summer work is June 1. Students may not apply for retroactive credit. There is no tuition charge for the first 2 units of Vassar summer independent study or field work.

October 1 is the deadline for the completion of summer ungraded work. Students registered for Vassar summer work will be held responsible for completing the work unless they notify the Registrar by registered mail before July 1 of their intention to drop the work. Failure to complete the work by October 1 or to notify the Registrar by July 1 of termination of work will result in a mandatory grade of "Unsatisfactory."

Summer Work at Another Institution

Work taken at another institution in the summer may be counted as transfer credit provided a grade of "C" or better is earned. Credit earned by means of distance learning is not transferable. In order to guarantee transfer of credit in advance, students must obtain signed permission from the chair of each department in which they are seeking credit before the end of the second semester. Forms for registration of this work are available in the Office of the Registrar. Nontransfer students may include no more than 10 units of work at another institution in the 34 units presented for the degree. See section on transfer credit above.

Students may apply for retroactive credit, but the college makes no guarantee of transfer of credit unless summer work has been approved in advance.

Academic Internships at Vassar College

Each summer, Vassar sponsors academic internship programs in the sciences, humanities, and social sciences where students collaborate with faculty mentors on original research projects. All internship participants receive stipends to cover room and board expenses and meet their summer earnings requirement.

URSI

The Undergraduate Research Summer Institute (URSI) began in the summer of 1986 to support collaborative student-faculty research in the sciences at Vassar. Each year, students spend ten weeks during the summer working with faculty members from the Departments of Anthropology, Astronomy, Biology, Chemistry, Cognitive Science, Computer Science, Geology, Mathematics, Physics, and Psychology on research projects at Vassar and at other sites. Recent URSI students have worked at archeological sites in Alaska, examined closely interacting galaxies NGC3395 and NGC3396 with the aid of the Kitt Peak Observatory in Arizona, developed interactive animation programs in Computer Science, explored the relationship between marriage and physical health, and studied proton transfer in perovskite oxides at Los Alamos National Laboratories. Information on the program and a complete listing of last summer's projects is available on the URSI website.

Ford Scholars

The Ford Scholars Program at Vassar provides special opportunities for students in the humanities and social sciences to engage in collaborative scholarship with faculty. More than 20 different academic departments and multidisciplinary programs, plus the Frances Lehman Loeb Art Center and the library, have participated in the program. Examples of recent Ford Scholars projects include research conducted with a curator and an English professor on nineteenth-century objects of or by women from the Magoon Collection of the Frances Lehman Loeb Art Center for an exhibition mounted in Spring 2000. Since 1995 students working with a history professor have participated in a critical oral history project on the Vietnam War involving former United States and Vietnamese policy makers. One student working with a professor of Italian developed a Web site on Dante's *Divine Comedy* locating manuscripts illuminations,

frescoes, paintings, statues, architecture, maps, and photographs that are representative of what Dante had seen and drawn on in writing his masterpiece. Working with two professors in German Studies students built a German-English bilingual MOO for German courses to be used as an interactive educational tool The Moo—Multiple user domain—Object Oriented is now in use with German Studies 210. The Ford Scholars program allows students to test their own interests in an academic life.

General Academic Regulations and Information

Students preregister for each semester's classes toward the end of the previous semester. Additions in registration are permitted during the add period, which extends through the first ten class days of each semester, and courses may be dropped, provided minimal full-time status is maintained, until the midpoint of each semester. No changes may be made without consultation with the student's adviser.

The average course load in each student's program is 4 or 4½ units per semester. Permission from the Committee on Leaves and Privileges is required if the student wishes to take more than 5 or less than 3½ units, with the exception of first-semester freshmen who may, in special circumstances, drop to 3 units with the approval of the dean of freshmen and their premajor adviser.

All students in residence are expected to enroll in at least 3½ units each semester, and permission to elect fewer units is granted only in exceptional cases, usually for reasons of health.

Every course elected, including independent work, must be completed even though the course may be in excess of the minimum number of units required for graduation. Students may not drop any semester course after the sixth Friday of the term. When for reasons of health or serious emergency the dean withdraws a student from a course after this date, the notation WD signifying a withdrawal without penalty is recorded in lieu of a grade for the course.

Evaluation of Work

The Grading System

A student's standing in college and the requirements for graduation are determined by a dual standard, one of quality and the other of quantity. The quality of the work is measured by the quality points and the grade average, the quantity is measured by the units completed. The semester and cumulative grade averages are based on the ratio of the total number of quality points received to the total number of graded units elected at Vassar.

Letter Grades

A indicates achievement of distinction. It involves conspicuous excellence in several aspects of the work.

B indicates general achievement of a high order. It also involves excellence in some aspects of the work, such as the following:

- Completeness and accuracy of knowledge
- Sustained and effective use of knowledge
- Independence of work
- Originality

C indicates the acceptable standard for graduation from Vassar College. It involves in each course such work as may fairly be expected of any Vassar student of normal ability who gives to the course a reasonable amount of time, effort, and attention. Such acceptable attainment should include the following factors:

- Familiarity with the content of the course
- Familiarity with the methods of study of the course
- Evidence of growth in actual use both of content and method
- Full participation in the work of the class
- Evidence of an open, active, and discriminating mind
- Ability to express oneself in intelligible English

C-, D+, and D indicate degrees of unsatisfactory work, below standard grade. They signify work which in one or more important respects falls below the minimum acceptable standard for graduation, but which is of sufficient quality and quantity to be counted in the units required for graduation.

Work evaluated as F may not be counted toward the degree.

Provisional Grades

A department may offer provisional grades for a-b and a/b courses. For the student electing both terms of such a course, the final grade received at the end of the year automatically becomes the grade that will be recorded on the student's transcript for both the first and the second semester. For the student who elects only the a-term of an a/b course, the first semester grade is final. A student who elects to take a provisionally graded course under the Non-Recorded Option must take both semesters on this basis.

Uncompleted Work

Incomplete indicates a deferred examination or other work not completed, for reasons of health or serious emergency. Grades of *incomplete* are granted by the dean of studies, the dean of freshmen, and the class advisers, usually in consultation with the instructor or the college health service. Unless otherwise specified, work must be completed by May 1 of the following year in the case of a first semester mark of *incomplete* and by October 1 of the same year in the case of a second semester mark of *incomplete*, otherwise the grade for the work outstanding automatically becomes a failure. If a class dean or class advisor, in consultation with the appropriate instructor, determines that the overall objectives of a class cannot be achieved by the completion of the outstanding, incomplete work, then the student will be withdrawn from the course without penalty.

Credit Restrictions

A student who chooses to drop the second semester of a hyphenated course after passing the first semester automatically receives a grade of WP and loses credit for the first semester. No course for which credit has been received may be repeated for credit. Records are not kept of audited courses.

Non-Recorded Option

Courses designated by a department or program as available under the Non-Recorded Option are noted in the Schedule of Classes each semester. Most departments limit the option to nonmajors only. In order to elect the NRO in a designated course, a student must file a NRO form, signed by his or her adviser, with the Office of the Registrar indicating the lowest letter grade the student wishes to have recorded on the permanent record. The deadline for electing a course under the NRO is the last day of the sixth full week of classes. After this deadline, a student may neither change the choice of the NRO nor change the minimum grade elected.

A regular letter grade will be assigned at the end of the course by the instructor, who will, before turning in grades to the Registrar, have knowledge of whether the student has elected the NRO, although the instructor will not have knowledge of the minimum grade set by the student. If the grade assigned by the instructor is lower than the student's elected minimum grade, but is still passing (D or better), a grade of PA is entered on the permanent record. (The grade of PA is permanent; it may not be revoked and the letter grade assigned by the instructor may not be disclosed.) If the letter grade assigned by the instructor is an F, an F is recorded and serves as a letter grade on the student's permanent record. The election of a course under the NRO counts in the total ungraded Vassar work allowed each student, even if a letter grade is received.

Non-Recorded Option Limit — Students may elect a maximum of 4 units of work under the Non-Recorded Option. For transfer students, this limit is reduced by 1 unit

for each year of advanced standing awarded to the student.

Ungraded Work

Ungraded work is open to all students who have the appropriate prerequisites subject to limitations imposed by departments on work done in the field of concentration. This work is graded SA (Satisfactory) and UN (Unsatisfactory).

“Satisfactory” work is defined as work at C level or above.

“Unsatisfactory” work will not be credited toward the degree.

298 and 399 Independent Work is graded “Distinction,” “Satisfactory,” or “Unsatisfactory.”

Ungraded Limit — Students may elect a maximum of 5 units of Ungraded Work. For transfer students, this limit is reduced by 1 unit for each year of advanced standing awarded to the student. This ungraded limit does not apply to any units taken in excess of the 34 unit maximum required for graduation.

Categories of Ungraded Work

Independent work, field work, and reading courses are treated as ungraded work and may not be taken for letter grades. To elect any of these opportunities for ungraded work, a student needs the permission of an instructor.

INDEPENDENT STUDY. Independent study in any field is intended to give students responsibility and freedom in investigating subjects of special interest to them. It may take a variety of forms, such as independent reading programs, creative projects in the arts, research projects, group tutorials, or additional work attached to specific courses. The categories are:

290 **FIELD WORK**—Open to students in all classes who have appropriate qualifications.

297 **READING COURSES**—Reading courses offer an opportunity to pursue a subject through a specified program of unsupervised reading. They make possible intensive investigation of specialized fields in which classroom instruction is not offered, and allow a student to develop the capacity for critical reading. Reading courses are open to all students who have the appropriate requirements as set by departments.

298 **INDEPENDENT WORK**—Open to students of all classes who have as prerequisite one semester of appropriate intermediate work in the field of study proposed.

399 **SENIOR INDEPENDENT WORK**—Open to students in their senior year plus other qualified students who have taken 200 level independent work in the discipline.

The Grade Average

The grade-average ratio is determined on the basis of quality points: each unit given a mark of A counts 4 quality points; A−=3.7; B+=3.3; B=3.0; B−=2.7; C+=2.3; C=2.0; C−=1.7; D+=1.3; D=1.0; F=0. The grade average is arrived at by dividing quality points by graded units.

Work graded PA under the Non-Recorded Option, ungraded work at Vassar, and work done at other institutions but accepted for Vassar credit does not enter into the grade average.

Standards for Continuance at Vassar College and Graduation

Compliance with the standards of scholarship is expected at Vassar College. Instructors are urged to notify the Dean of Studies of students whose work falls below the satisfactory level, and the college reserves the right to require a leave of absence or withdrawal for any student whose academic performance falls below its standards. The status of all students with unsatisfactory records is reviewed at the end of each semester by the Committee on Student Records, and this committee may, at its discretion, allow students to continue at the college or require a leave or withdrawal. Students

whose work is below C level are placed on probation if they are allowed to continue. Students on probation may expect academic reports to be made to the deans' offices during the semester of their probation. The committee reviews the records of juniors and seniors with grade averages below C in their areas of concentration and may require changes in concentration, leaves, or withdrawal. A student remains in good academic standing as long as he or she is matriculated at Vassar and is considered by the committee to be making satisfactory progress toward the degree.

The Senior Year Requirements

All students must be registered at Vassar College for their senior year requirements. The nature of the required senior work varies with the several departments or programs. Senior-level work is described under departmental offerings and in the statements on the independent, interdepartmental, and multidisciplinary programs.

Graduation depends upon the student's successful completion of all stated requirements for the degree, including those of the senior year.

Graduation Grade

An average of C for all courses, i.e., a 2.0 grade average, and an average of C in courses in the field of concentration or major program, constitute the minimum grade requirement for graduation.

Written Work and Final Examinations

Normally, in introductory and intermediate courses, some form of written work will be assigned and returned to students by the midpoint of the semester. The instructor may set the due date of final work, excluding final exercises, no later than the last day of the study period. Exceptions to this deadline must be approved by the dean of studies.

Final examinations may be given on both a scheduled and a self-scheduled basis at the option of the instructor. The instructor in each class announces within the first week of the semester what the requirements of the course will be and whether there will be a written examination or another form of evaluating student accomplishment, such as papers or special projects.

If the examination is to be on the regular schedule, it must be taken at the posted time and completed at one sitting. If it is self-scheduled, the student will obtain the examination at the beginning of the period chosen, take it to an assigned room, complete it at one sitting, and return it at the end of the allotted time.

A student fails an examination unless the prescribed procedures are followed or unless the student has been excused from the examination by the appropriate dean. A student who is ill should report to health service which, if it thinks it advisable, will recommend to the dean the need for an *incomplete*. In cases of an emergency, students should be advised by the Office of the Dean of Studies.

Rules governing conduct in examinations and expected standards of academic integrity are cited annually in the *Student Handbook*, and students are responsible for conforming to these expectations.

Academic Honors

Honors at Graduation

There are two categories of honors at graduation: departmental, interdepartmental, multidisciplinary, or independent program honors, which will carry the designation "With Departmental Honors"; and general honors, which will carry the designation "With General Honors." A student may graduate with one or both. In the first category, honors will be awarded to those students designated as meeting predetermined standards and so recommended by the departments concerned, the Committee on the Independent Program, or the faculty of the multidisciplinary programs to the Committee on Student Records, which oversees the continuity of standards. In the second category, honors will be awarded to the top twenty percent of each graduation class.

Phi Beta Kappa

Vassar College was granted a charter by the national honor society of Phi Beta Kappa in 1898. Members from the senior class are elected by the Vassar chapter each spring. The basis for selection is a high level of academic achievement; breadth of study, requiring substantial work in several areas of the liberal arts curriculum; and general evidence of intellectual adventurousness.

Prizes

Vassar College awards prizes each year from certain endowed funds, according to the terms of the gifts. The recipients are selected by the appropriate departments.

Prizes from endowed funds:

- Gabrielle Snyder Beck Prize—for *summer study in France*
 Catherine Lucretia Blakeley Prize—for *a study in international economic relations*
 Wendy Rae Breslau Award—for *an outstanding contribution of a sophomore to the community*
 Beatrice Daw Brown Poetry Prize—for *excellence in the writing of poetry*
 Virginia Swinburne Brownell Prizes—for *excellent work in biology, political economy, and history*
 Sara Catlin Prize—for *an outstanding contribution of a senior to the religious life of the community*
 Man-Sheng Chen Scholarly Award—for *excellence in Chinese Studies*
 E. Elizabeth Dana Prize—for *an individual reading project in English*
 Eleanor H. DeGolier Prize—to *the junior with the highest academic average*
 Jean Slater Edson Prize—for *a work of music composition chosen in a college-wide competition*
 Lucy Kellogg English Prize—for *excellence in physics or astronomy, alternately*
 English Department Prize in Fiction—to *a senior for excellence in the writing of fiction*
 Helen Kate Furness Prize—for *an essay on a Shakespearean or Elizabethan subject*
 Ida Frank Guttman Prize—for *the best thesis in political science*
 Janet Holdeen-adams Prize—for *excellence in computer science*
 J. Howard Howson Prize—for *excellence in the study of religion*
 Evelyn Olive Hughes Prize in Drama and Film—to *an outstanding junior drama major for a summer study of acting abroad*
 Ruth Gillette Hutchinson—for *excellence in a paper on American economic history*
 John Iyoya Prize—for *creative skills in teaching*
 Agnes Reynolds Jackson Prize—for *excellence in written work in economics*
 Julia Flitner Lamb Prizes—to *a junior major and a senior major for excellence in political science*
 Helen D. Lockwood Prize—for *excellence in the Study of American Culture*
 David C. Magid Memorial Prize in Cinematography—for *the most outstanding combination of achievement in cinematography and excellence in film study*
 Helen Miringoff Award—for *a substantial contribution to an agency or the community through field work*
 Edith Glicksman Neisser Prize—to *a student demonstrating a commitment to child study or child development*
 Dorothy Persh Prize—for *summer study in France*
 Ethel Hickox Pollard Memorial Physics Award—to *the junior physics major with the highest academic average*
 Leo M. Prince Prize—for *the most notable improvement*
 Gertrude Bittenwieser Prins Prize—for *study in the history of art*
 Betty Richey Memorial Sports Award—to *a member of the women's field hockey, lacrosse, or squash team who embodies the qualities of loyalty, initiative, sportswomanship, leadership, and team support*
 Kate Roberts Prize—for *excellence in biology*
 Marilyn Swartz Seven Playwriting Award—to *a junior or senior in any discipline who submits the best dramatic work written for the stage*
 Erminnie A. Smith Memorial Prize—for *excellence in the study of geology*

Deanne Beach Stoneham Prize—*for the best original poetry*
 Harriet Gurnee Van Allen Prize—*for excellence in biology*
 The Masha N. Vorobiov Memorial Prize—*for summer Russian language study*
 Frances Walker Prize—*for the greatest proficiency in the study of piano*
 Laura Adelina Ward Prizes—*for excellence in English and European history, and English literature*
 Weitzel Barber Art Travel Prize—*to provide a junior or senior in the art department with the opportunity to travel in order to study original works of art*
 Vernon Venable Prize—*for excellence in philosophy*
 Mary Evelyn Wells and Gertrude Smith Prize—*for excellence in mathematics*
 Jane Dealy Wirsig Memorial Prize—*in recognition of outstanding promise and accomplishment in journalism*
 Sophia H. Chen Zen Memorial Prize—*for the best thesis in Asian studies*
 Sophia H. Chen Zen Memorial Prize—*for the best thesis in history*

Department prizes:

Jeffrey Chance Memorial Award—*for excellence in both classwork and research in chemistry*
 Yin-Lien C. Chin Prize—*for the best thesis/senior project in the Department of Chinese and Japanese*
 June Jackson Christmas Prize—*for academic excellence in Africana Studies*
 John F. DeGilio Prize—*for creative skills in secondary teaching*
 The Harvey Flad/Anne Constantinople American Culture Book Prize—*for an outstanding academic contribution*
 Clyde and Sally Griffen Prize—*for excellence in American history*
 Betsy Halpern-Amaru Book Prize—*for excellence in the study of classical texts of Judaism, Christianity, or Islam*
 M. Glen Johnson Prize—*for excellence in international studies*
 Jesse Kalin Book Prize—*for excellence in Japanese language and culture studies*
 Molly Thacher Kazan Memorial Prize—*for distinction in the theater arts*
 Olive M. Lammert Prizes—*for excellence in the study of biochemistry and chemistry*
 Olive M. Lammert Book Prizes—*for excellence in analytical and physical chemistry, organic chemistry, and general chemistry*
 The Larkin Prize—*for outstanding work in the study of Latin*
 The Larkin Prize in Ancient Societies—*for outstanding work in the study of Greek and Roman civilization*
 Neuroscience and Behavior Senior Prize—*for excellence in neuroscience and behavior.*
 Philip Nochlin Prize—*for a senior thesis of highest distinction in philosophy*
 Harry Ordan Memorial Prize—*for excellence in philosophy*
 The Reno Prize in Greek—*for outstanding work in the study of Greek*
 Paul Robeson Prize—*for best senior thesis in Africana Studies*
 Douglas Saunders Memorial Prize—*for an excellent senior thesis in history*
 Marian Gray Secundy Prize—*for meritorious achievement in field research and community service*
 Ellen Churchill Semple Prize—*for excellence in the study of geography*
 Sherman Book Prize—*for distinguished accomplishment in Jewish Studies*
 Alice M. Snyder Prize—*for excellence in English*
 Lilo Stern Memorial Prize—*for the best paper submitted for an anthropology, geography, or sociology class*
 Lilian L. Stroebe Prizes—*to the senior German major for the most outstanding work, and the sophomore German major showing the greatest promise*
 Florence Donnell White Award—*for excellence in French*
 Frederic C. Wood, Sr. Book Prize—*for excellence in moral and ethical concerns*

Prizes awarded through outside gifts:

Academy of American Poets Prize—*for excellence in the writing of poetry*
 American Chemical Society Award—*for excellence in analytical chemistry*
 Chemical Rubber Company Award—*to the outstanding freshman in general chemistry*

Elizabeth Coonley Faulkner Prize—to a junior for research on a senior thesis or project in Washington, D.C.

The Richard Feitler '86 and Margery Kamin Feitler '86 Sister Arts Prize—for poetry based on a work of art in the collection of Vassar's Frances Lehman Loeb Art Center

Frances Aaron Hess Award—for sustained volunteer activity on behalf of an off-campus organization

The Hinerfeld Family Annual Award—for outstanding work in sociology

Phi Beta Kappa Prize—to the member of Phi Beta Kappa who has the most distinguished academic record of the graduating class

The Wall Street Journal Prize—to a student with an excellent record in economics

The Advising System

The role of the faculty adviser at Vassar is that of educator rather than overseer. The student is expected to take the initiative in seeking advice from an appropriate adviser. There are three types of advisers: premajor advisers, assigned to freshmen upon arrival, who advise them until a field of concentration is chosen or until they enter the Independent Program or a multidisciplinary or interdepartmental program; departmental advisers, for those concentrating in a discipline; and advisers for students in the Independent Program or in a multidisciplinary or interdepartmental program.

Advising involves multiple functions. It helps the student discover appropriate individual goals and intentions. It also provides the student with information about alternative programs and modes of study and, through special counseling offers appropriate help and guidance. The Office of the Dean of Studies serves to centralize information for advisers as well as students. Students are urged to avail themselves of the services of the Learning and Teaching Center, the Office of Career Development, the Office of Field Work, the house fellows, the Health Service, and Counseling Service, as well as of faculty advisers.

Withdrawal and Readmission

The student facing a personal emergency which jeopardizes continuance at college should consult the dean of studies, the dean of freshmen, or the class advisers. After appropriate consultation and advice, and upon written request, a student may be voluntarily withdrawn.

A student who seeks readmission after having withdrawn in good standing may reapply to the dean of studies, who will bring the request to the Committee on Readmission. To apply for readmission, a student should write a full letter of application before March 15 of the year of intended fall reentrance, or by December 1 for reentrance in the second semester.

A student whose withdrawal has not been voluntary, or about whose readmission there are special questions, should address any questions to the dean of studies.

The college tries to accommodate the student who wishes to resume interrupted study if it is felt that the student is ready to return.

Transfer Students

Every year, Vassar accepts transfer students into the sophomore and junior classes. When the students arrive at the beginning of the semester in which they are to enter the college, they are assigned advisers after consulting with the appropriate person in the Office of the Dean of Studies. Evaluations of the students' previous work are made as they enter the college. Courses taken at other institutions similar to courses at Vassar will be accepted automatically provided a minimum grade of "C" is earned. Credit earned by means of distance learning is not transferable. Occasionally, some of a student's previous work will not be acceptable for Vassar credit. In such cases, the Committee on Leaves and Privileges will act as the final arbiter of credit. Students who have taken unusual courses would do well to inquire before admission about any problems that are foreseeable. It is sometimes difficult to anticipate problems in maintaining sequences and continuity between the programs of study at the previous institution and Vassar's offerings and requirements. Therefore, it is frequently neces-

sary for students to make adjustments of one kind or another after they arrive. All transfer students must take at least one-half of their 34 units, or 17, at Vassar College. Prospective transfer students should particularly notice that at least half of a student's minimum requirements in the field of concentration must be taken at Vassar.

It may be difficult for junior transfer students to complete the necessary courses for teacher certification in addition to the other degree requirements, especially since practice teaching involves a heavy time commitment in the schoolroom upon placement. Students wishing further information on this subject should consult the chair of the Department of Education.

Graduate Study at Vassar College

A limited program of advanced work leading to the master's degree is available to qualified students who hold baccalaureate degrees. Graduate programs may currently be taken in the Department of Biology. The minimum requirements for a master's degree are one year of resident graduate study and 8 units of work, of which 6 units must be at Vassar or under Vassar's auspices. Programs must include a minimum of 3 units of graded course work, and may include 300-level courses considered suitable for graduate credit, but must include 2 units of 400-level graded courses designed primarily for graduate students. Departments may require a reading knowledge of one or more relevant foreign languages, a thesis, and written or oral comprehensive examinations, as evidence of the candidate's proficiency. Requirements differ among departments.

Detailed information concerning admission to candidacy and specific requirements for the degree may be obtained from the chair of the department of interest and from departmental statements.

Procedures for Complaint

Complaints concerning classes and other academic matters are normally made to the appropriate department chair or program director. They may also be brought to the Office of the Registrar, Office of the Dean of Studies, or the Office of the Dean of Faculty. Further information may be obtained from these offices.

Preparation for Graduate Study

The undergraduate program at Vassar College affords preparation for graduate work either in the liberal arts or in the professions. Students interested in advanced degrees should consult the several departments as early as possible in their undergraduate careers. Students contemplating graduate work should inquire concerning the language requirements of the subject in which they are interested. Normally a reading knowledge of both French and German is required for the Ph.D. and one language is required for the M.A.

Catalogues of graduate and professional schools are filed in the library, and notices of fellowships and assistantships of many institutions are posted on the bulletin boards of departments and in Main Building. Such aid is available through many channels, among them Vassar's fellowship program, graduate schools, the Fulbright program, special grants offered by foundations and professional associations, New York State Regents' medical fellowships, and the Marshall and Rhodes fellowships for study in Britain. For information about these programs, students should consult their departments and the Director of the Office for Fellowships/Preprofessional Advising, Office of the Dean of Studies.

Graduate Record Examinations are required or recommended by graduate schools, and sometimes for fellowships. Application blanks and information pamphlets are available at the Office of Career Development or on the GRE website.

Most professional schools advise a student to obtain a sound foundation in the liberal arts as the best preparation for admission. This holds true of architecture, business, law, medicine, social service, and teaching.

Architecture: Students interested in a career in architectural design are well advised to take a liberal arts degree as part of their preparation for admission to programs that offer the master's degree in architecture (M.Arch.). Students may major in any subject in the college and are advised to take courses in architectural design, art studio and architectural history, mathematics, and physics as part of their preparation. Students seeking advice about architecture programs should make known their interest to the art department where they will be assigned to an adviser.

Engineering: For those students interested in a program leading to an engineering degree, Vassar College maintains a cooperative arrangement with the Thayer School of Engineering at Dartmouth College. Those students interested in this program should make their interest known to the Department of Physics or to the Office of the Dean of Studies.

Law: Law schools, even more than medical schools, emphasize the importance of a broad liberal arts education. No specific courses or subjects are required for entrance. The qualities desired are independence, discrimination, respect for evidence, critical analysis and constructive synthesis, power of organization, clear expression, and sound judgment. All American Bar Association-approved law schools require the Law School Admission Test. Students seeking prelaw advice should consult the Director of the Office for Fellowships/Preprofessional Advising.

Medicine: Medical schools differ in their philosophies of education, specific requirements, and systems of training. They are all interested, however, in a broad background in the liberal arts with a strong foundation in the natural sciences. In general, they require a minimum of one year of inorganic chemistry, one year of organic chemistry, one year of physics, one year of biological science, and one year of English. Calculus or mathematics or biochemistry may be required and is often recommended. There is, however, wide variation in the requirements of the different schools, and a student should consult a member of the Premedical Advisory Committee and the *Medical School Admissions Requirements Handbook*, which is available in the Office for Fellowships and Graduate School/Preprofessional Advising. Since a student may fulfill the minimum requirements for entrance by majoring in one of the required subjects or in an unrelated subject, he or she is advised to select the field of greatest interest for the undergraduate program. The Premedical Advisory Committee holds an advising session in the fall for incoming freshmen. Students interested in planning for the medical school application procedure are encouraged to declare their interest by the end of the sophomore year;

students will be placed with a premedical adviser during their junior year. Members of the committee are always available for individual conferences with students. For information on taking the MCAT and filing applications for medical schools, students should consult the Director of the Office for Fellowships/Preprofessional Advising.

Teaching: See Department of Education.

Other health professional careers: For students interested in careers such as dentistry, optometry, and veterinary medicine, early consultation with the Director of the Office for Fellowships/Preprofessional Advising is recommended.

Instruction 2006/2007

The courses of instruction are announced subject to modification. Classes and seminars will meet in accordance with the schedule of classes, printed for each semester. Scheduled courses may be withdrawn owing to underelection, change in faculty, or special emergency.

Schedule of Classes

Classes meet Monday through Friday beginning at 8:00 a.m. or 9:00 a.m.; Wednesday afternoon after 3:00 and Wednesday evening are open for field work and study on special projects. Course meetings are scheduled for three 50-minute or two 75-minute periods unless specified to the contrary; longer sessions may be used for seminars and laboratory work.

A limited number of classes are scheduled on Monday, Tuesday, and Thursday evenings; otherwise the evening hours are kept free for rehearsals, meetings, lectures, special programs, and presentations.

Library Hours

Main Library

When college is in session, the main library is open:

Monday through Thursday, 8:30 a.m. to 1:30 a.m.

Friday, 8:30 a.m. to 10:00 p.m.

Saturday, 9:00 a.m. to 10:00 p.m.

Sunday, 10:00 a.m. to 1:30 a.m.

During college breaks the hours are:

8:30 a.m. to 5:00 p.m. except Saturdays, Sundays, and legal holidays.

Art Library

When college is in session, the art library is open:

Monday through Thursday, 8:30 a.m. to 1:30 a.m.

Friday, 8:30 a.m. to 10:00 p.m.

Saturday, 9:00 a.m. to 10:00 p.m.

Sunday, 10:00 a.m. to 1:30 a.m.

During college breaks the hours are listed in the Vassar College calendar and on the Library website.

Music Library

When college is in session, the music library is open:

Monday through Thursday, 8:30 a.m. to 11:00 p.m.

Friday, 8:30 a.m. to 5:00 p.m.

Saturday, 12:00 noon to 7:00 p.m.

Sunday, 12:00 noon to 11:00 p.m.

During college breaks the hours are listed in the Vassar College calendar and on the Library website.

Course Credit

The credit which a course carries is stated in units per semester and shown in parentheses () opposite the course title.

Course Elections

The elections of first-year students are limited to courses marked "Open to all classes," or to courses numbered 100 to 199 unless special prerequisites are stated. Students with Advanced Placement credit may be admitted to other courses. Unless otherwise noted, courses are open to sophomores, juniors, and seniors.

Matriculated students may audit courses with the permission of the instructor. No

formal registration is necessary and no extra fee is charged.

Course Numbering System

Undergraduate courses are offered on the levels shown in the following numbering system:

- 000-099 Noncredit courses.
- 100-199 Introductory courses, without prerequisite of college work
- 200-299 Intermediate courses, with prerequisite of 1 to 2 units of Introductory work or Advanced Placement or permission
- 300-399 Advanced courses, with prerequisite of 2 units of Intermediate work or permission

Courses numbered above 400 are designed for graduate students. The same number is reserved in each department for particular kinds of study:

- 290 Field Work
- 297 Reading Course
- 298 Intermediate Independent Work
- 399 Senior Independent Work

Courses numbered in the 180 and 280 series are newly developed courses which may be offered on a trial basis under this number for one time only. After this initial offering, the course must either be presented for approval as a regular course or dropped completely by the department.

Courses numbered in the 380 series apply to departmental offerings in which small groups of students pursue advanced work on special topics with *special permission*. It is understood that the topics are changed from time to time, with no particular time limit, according to the department's needs, and are listed under the general heading "Special Studies" within the departmental listings. *The term may also apply to experimental courses introduced by departments or introduced interdepartmentally which will normally be offered for one year.*

Course Notations

- [] not offered in 2006/07.
- a Course offered in the first semester
- b Course offered in the second semester
- a or b Semester course which may be offered in either semester or in both
- a and b Course offered in both semesters
- a.1,b.1 Half-unit courses given in the first half of the semester
- a.2,b.2 Half-unit courses given in the second half of the semester
- A hyphen separating course numbers shows courses that must be taken for a year for credit (105a-106b). See credit restrictions, page 53.
- / A slash separating course numbers shows courses in which the first semester may be taken alone for credit but is required for permission to elect the second (105a/106b).
A student who fails the first semester of a year-long course (courses with numbers separated by a hyphen or a slash) may not take the second semester except by departmental permission.
- , A comma separating course numbers shows that either semester may be elected without the other (105a, 106b).

Departments and Programs of Instruction

The courses and faculty, listed by departments and programs, are for the year 2006/07. Course descriptions are listed in the following order:

Africana Studies Program
American Culture Program
Anthropology Department
Anthropology-Sociology
Art Department
Asian Studies Program
Biochemistry Program
Biology Department
Chemistry Department
Chinese and Japanese Department
Classics Department
Cognitive Science Program
College Courses
Computer Science Department
Dance Department
Drama and Film Department
Economics Department
Education Department
English Department
Environmental Studies Program
French Department
Geography-Anthropology Program
Geology and Geography Department
German Studies Department
Hispanic Studies Department
History Department
Independent Program
Interdepartmental Courses
International Studies Program
Italian Department
Jewish Studies Program
Latin American and Latino/a Studies Program
Mathematics Department
Media Studies
Medieval and Renaissance Studies Program
Music Department
Neuroscience and Behavior
Philosophy Department
Physical Education Department
Physics and Astronomy Department
Political Science Department
Psychology Department
Religion Department
Russian Studies Department
Science, Technology and Society Program
Self-Instructional Language Program
Sociology Department
Urban Studies Program
Victorian Studies Program
Women's Studies Program

Africana Studies

Director: Ismail Rashid (History and Africana Studies); **Professors:** Lawrence Mamiya (Africana Studies and Religion), Lizabeth Paravisini-Gebert (Hispanic Studies); **Associate Professors:** Joyce Bickerstaff (Africana Studies and Education), Patricia Pia-Celerier (French), Lisa Collins (Art), Diane Harriford (Sociology), Timothy Longman (Africana Studies and Political Science), Ismail Rashid (History and Africana Studies), Judith Weisenfeld (Religion); **Assistant Professors:** Eve Dunbar (English), Kiese Laymon (English), Tiffany Lightbourn (Psychology), Mia Mask (Film), Tyrone Simpson (English), Laura Yow (English); **Adjunct Assistant Professor:** Dennis Reid; **Visiting Assistant Professor:** Mootacem Mhiri.

The Africana Studies program is the oldest multidisciplinary program at Vassar College. The program is concerned with the cultural, historical, political, economic, and psychological consequences of the dispersal of Africans from their ancestral continent to the diverse regions of the world. It comprises the focused and critical study of the people, cultures, and institutions of Africa and the African Diaspora through a generous offering of courses both originating in the program and cross-listed or approved from other departments. These courses span a majority of the standard disciplines: literature and the arts; area studies; history; social sciences; psychology.

In addition to a broad array of courses offered on the Vassar campus, the program also participates in several study away programs. Most notable of these is Vassar's junior year abroad program at Mohammed V. University in Rabat, Morocco. Students may also study in the United States at one of four historically Black colleges—Fisk University; Howard University; Spelman College; or Morehouse College.

Requirements for concentration: 11 units are required for the major. Students must take courses that fall into the three following areas of study: (1) Intellectual History and Social Thought (black critical thinking and conceptual structures); (2) Migration Studies and Area Studies (population movements and geographic areas); and (3) Arts, Culture, and Media (literature, art, film, drama). There are no specific required courses, but a list of courses that fall into each area is available each semester.

Distribution of unit requirements: (a) Two courses from each of the three required areas (6 units); (b) a minimum of 3 additional units in any one of the three required areas listed above; (c) at least 1 unit at the 100-level; (d) at least 2 units at the 300-level, excluding the thesis; (e) the thesis preparation course (Africana Studies 299), which must be taken in the fall of the senior year (½ unit); (f) a thesis, to be written only following the successful completion of Africana Studies 299, in the spring of the senior year (1 unit). No more than 1 unit of field work and/or reading courses may count toward the major. NRO work may not be used to satisfy the major requirements for the program in Africana Studies.

Advisers: Program director and program faculty.

Correlate Sequence in Africana Studies: Coursework in the correlate sequence is organized to give students a coherent and related body of work. Students undertaking the correlate sequence take 2 units in each of the following areas: (a) Intellectual History and Social Thought; (b) Migration Studies and Area Studies; and (c) Arts, Culture, and Media; a total of 6 units. A list of courses that fall into each area is available each semester. There are no required courses for the correlate sequence, but at least 1 unit must be at the 300-level.

I. Introductory

A. Intellectual History and Social Thought

102b. Introduction to Third-World Studies: A Comparative Approach to Africa and the African Diaspora (1)

This course acquaints students with the major concepts, themes, and approaches to the study of peoples of African descent. These concepts include history and the African past; slavery, forced migration, and the creation of the Diaspora; colonialism and conquest; race and identity; resistance and religion; and cultural transformation.

Integrating the disciplines, the course uses a variety of texts, music and visual culture. Ms. Bickerstaff.

B. Migration Studies and Area Studies

106-107. Elementary Arabic (1)

Fundamentals of the language. Students learn to understand spoken Arabic, to express simple ideas both orally and in writing, and to read Arabic of average difficulty. Mr. Mhiri.

Open to all students.

Three 50-minute periods, plus one drill session per week.

C. Arts, Culture, and Media

[108a. Introduction to the African Literary Traditions] (1)

Examines the works of a number of African writers, both orally transmitted texts—such as folklore and poetry—and written genres, and their cultural influence and impact upon European concepts about Africans before and during the Renaissance, including the period of the 800 years of Moorish/Muslim rule of Iberia. It also investigates how contemporary African writers have tried to revive a sense of the African cultural continuum in old and new literary works. Writers include: Horus, St. Augustine, Ibn Khaldun, Achebe, Ba, Ngugi, Neto, Abrahams, Mazrui, and Salih.

Not offered in 2006/07.

160b. Books, Children, and Culture (1)

(Same as Education 160) This course examines select classical works from the oral tradition and contemporary works of children's fiction and non-fiction. The course addresses juvenile literature as a sociological phenomenon as well as a literary and artistic one (illustrative content). The course traces the socio-historical development of American children's literature from Western and non-Western societies. Social, psychoanalytic, and educational theory provide a conceptual basis and methodological framework for the cultural analysis of fairy tale and modern fantasy in cross-cultural perspective. Socialization issues include: ideals of democracy; moral character; race and class; politicalization; and the human relationship to the natural environment. Ms. Bickerstaff.

177a/b. Major Author: James Baldwin (½)

(Same as English 177) Second six weeks. Mr. Laymon.

D. Other or Variable

105a. Issues in Africana Studies (1)

Topic for 2006/07: *The African Diaspora and the Caribbean*. This course offers an overview of the pivotal role played by the forced migration of enslaved Africans on the development of the societies and cultures of the Caribbean region. We examine the economic, political, and social development of the region with a focus on the lasting legacy of slavery and the plantation. Among the topics covered are colonialism, race and class, ethnicity, post-colonialism, migration, trans-nationalism, popular culture, and religion. Ms. Paravisini-Gebert.

Open to Freshmen only. Satisfies requirement for a Freshman Course.

II. Intermediate

A. Intellectual History and Social Thought

211a. Religions of the Oppressed and Third-World Liberation Movements (1)

(Same as Religion 211) A comparative socio-historical analysis of the dialectical relationship between religion and the conditions of oppressed people. The role of

religion in both suppression and liberation is considered. Case studies include the cult of Jonestown (Guyana), the Iranian revolution, South Africa, slave religion, and aspects of feminist theology. Mr. Mamiya.

[229b. Black Intellectual History] (1)

(Same as Sociology 229) This course provides an overview of black intellectual thought and an introduction to critical race theory. It offers approaches to the ways in which black thinkers from a variety of nations and periods from the nineteenth century up to black modernity engage their intellectual traditions. How have their perceptions been shaped by a variety of places? How have their traditions, histories and cultures theorized race? Critics may include Aimé Césaire, Anna Julia Cooper, W.E.B. DuBois, Frantz Fanon, Paul Gilroy, Ngugi wa Thiong'o, Ida B. Wells, and Patricia Williams. Ms. Harriford.

Not offered in 2006/07.

[230b. Creole Religions of the Caribbean] (1)

(Same as Religion 230) The Africa-derived religions of the Caribbean region—Haitian Voodoo, Cuban Santería, Jamaican Obeah, Rastafarianism, and others—are foundational elements in the cultural development of the islands of the region. This course examines their histories, systems of belief, liturgical practices, and pantheons of spirits, as well as their impact on the history, literature, and music of the region. Ms. Paravisini-Gebert.

Not offered in 2006/07.

[258a. Race and Ethnicity] (1)

(Same as Sociology 258) Ms. Harriford.

Not offered in 2006/07.

268b. Sociology of Black Religion (1)

(Same as Religion 268 and Sociology 268) A sociological analysis of a pivotal sector of the Black community, namely the Black churches, sects, and cults. Topics include slave religion, the founding of independent Black churches, the Black musical heritage, Voodoo, the Rastafarians, and the legacies of Malcolm X and Martin Luther King, Jr. Mr. Mamiya.

B. Migration Studies and Area Studies

200a/b. Green Haven and Otisville Prisons (½)

This course combines field visits to the Green Haven maximum security prison, the Otisville medium security prison, and class meetings on campus. The program at the prison features student-inmate dialogue groups on topics such as: Domestic Violence, Family Issues; Communication Skills; Group Transitional Preparation (issues that prepare men for transition to their communities) in English and Spanish. The on-campus class meetings include group discussion, readings, and films on the prison experience in America. Mr. Mamiya.

Prison visits on Fridays 11:30 a.m. to 5:00 p.m. Class meetings on alternate Sundays 5:00 to 7:00 p.m.

201a/b. The Prison Experience in America (½)

A continued exploration of the criminal justice system and the prison experience in America. Field visits to local prisons and more extensive readings and research. Mr. Mamiya.

Prison visits on Fridays 11:30 a.m. to 5:00 p.m. Class meetings on alternate Sundays 5:00 to 7:00 p.m.

204a. Islam in America (1)

(Same as Religion 204) This course examines the historical and social development of Islam in the U.S. from enslaved African Muslims to the present. Topics include African Muslims; rice cultivation in the South, and slave rebellions; the rise of proto-

Islamic movements such as the Nation of Islam; the growth and influence of African American and immigrant Muslims; Islam and Women; Islam in Prisons; Islam and Architecture and the American war on terror. Mr. Mamiya and Ms. Lemming.

Pre-requisites: Any one of the following: Religion 150 or 152; Africana Studies 102 or 105; or permission of the instructors.

[206b. Social Change in the Black Community] (1)

(Same as Sociology 206) An examination of social issues in the Black community: poverty and welfare, segregated housing, drug addiction, unemployment and underemployment, and the prison system. Social change strategies from community organization techniques and poor people's protest movements to more radical urban responses are analyzed. Mr. Mamiya.

Not offered in 2006/07.

207a/208b. Intermediate Arabic (1, 1)

Continued study of the Arabic language. Students continue their study of spoken, and written Arabic. Mr. Mhiri.

[235a. The Civil Rights Movement in the United States] (1)

In this interdisciplinary course, we examine the origins, dynamics, and consequences of the modern Civil Rights movement. We explore how the southern based struggles for racial equality and full citizenship in the U.S. worked both to dismantle entrenched systems of discrimination—segregation, disenfranchisement, and economic exploitation—and to challenge American society to live up to its professed democratic ideals. Ms. Collins.

Not offered in 2006/07.

242. Brazil, Society, Culture, and Environment in Portuguese America (1)

(Same as Geography 242 and Latin American and Latino/a Studies 242)

[246a. African-American Politics] (1)

(Same as Political Science 246) This course analyzes the diverse ways in which African Americans have engaged in politics in the United States. After briefly considering challenges facing the African American community, the course looks at approaches to politics including active engagement in the political system, Pan-Africanism and Black nationalism, accommodation and assimilation, class-based struggle, and everyday forms of resistance. The course concludes with a consideration of possible policy alternatives advocated by various African-American leaders. Writers studied may include W.E.B. DuBois, Marcus Garvey, Booker T. Washington, Malcolm X, Martin Luther King, Jr., William Julius Wilson, bell hooks, Manning Marable, Robin Kelley, Angela Davis, and Patricia Williams. Mr. Longman.

Not offered in 2006/07.

250a. African Politics (1)

(Same as Political Science 250) This course introduces students to the great diversity of peoples, ideas, cultures, and political practices found on the African continent. The course first investigates the causes of the contemporary social, economic, and political challenges facing African states, then analyzes the ways in which African populations have responded to foreign domination, authoritarian government, unfavorable economic conditions, and social divisions. The course uses case studies of African countries to explore political issues within specific contexts and pays particular attention to international involvement in Africa. Mr. Longman.

[256b. Environment and Culture in the Caribbean] (1)

(Same as Environmental Studies 256) The ecology of the islands of the Caribbean has undergone profound changes since the arrival of Europeans to the region in 1492. This course traces the history of the relationship between ecology and culture from pre-Columbian civilizations to the economies of tourism. Among the specific topics of discussion are Arawak and Carib notions of nature and conservation of natural

resources; the impact of deforestation and changes in climate; the plantation economy as an ecological revolution; the political implications of the tensions between the economy of the plot and that of the plantation; the development of environmental conservation and its impacts on notions of nationhood; the ecological impact of resort tourism; and the development of eco-tourism. These topics are examined through a variety of materials: historical documents, essays, art, literature, music and film. Ms. Paravisini-Gebert.

Not offered in 2006/07

259b. Human Rights and Politics (1)

(Same as Political Science 259) This course examines the growing international influence of human rights principles, documents, and organizations on politics. We study how human rights discourse has emerged as a major factor in modern politics and review the documents that serve as a basis drawn from Africa and the United States to explore issues such as universality versus cultural specificity of human rights discourses, civil and political rights versus cultural versus economic, social, and cultural rights, individual versus group rights, the crime of genocide, efforts to expand human rights law to include rights for children, women, gays, and lesbians and others, and the activities of national and international human rights organizations. Mr. Longman.

271a. Perspectives on the African Past: Africa Before 1800 (1)

(Same as History 271) A survey of traditional African history with an emphasis on the Nile Valley civilizations, Ethiopia, the Sudan Kingdoms, the advent of Islam, the Swahili city-states of Southeast Africa, and the early society of central and southern Africa prior to 1800. This course examines the dramatic post-World War II issues and trends in the historiography relating to pre-colonial Africa. Mr. Rashid.

272b. Modern African History (1)

(Same as History 272) A study of the major political, economic, social, and intellectual developments in the unfolding of the African experience from the early nineteenth century to the present time. Attention is directed to the broad spectrum of contacts of Africa with the outside world in trade, diplomacy, etc., prior to the nineteenth century. The course focuses on the rise of the Pan-African movement, African nationalism, the decolonization process, the emergence of independent African states, and the dilemmas of post-colonialism: neocolonialism, development issues and post-independence politics. Mr. Rashid.

C. Arts, Culture, and Media

202b. Black Music (1)

(Same as Music 202) An analytical exploration of the music of certain African and European cultures and their adaptive influences in North America. The course examines the traditional African and European views of music performance practices while exploring their influences in shaping the music of African Americans from the spiritual to modern times. Mr. Reid.

[203b. The Origins and Development of Islamic Literature] (1)

(Same as Religion 203) This course surveys the development of Arabic and Islamic literature from its pre-Islamic beginnings in the Arabian Peninsula, through the "golden age" of Islamic civilization, to the contemporary period. The readings cover an array of themes reflecting the ever present and intertwining concerns for the sacred and temporal in this rich and diverse cultural tradition. We read and discuss canonical pre-Islamic poetry, excerpts from Quran and Hadith along with fantastic fairy tales, travel narratives, fiction, and autobiography. We also watch feature and documentary films and read some critical literature to deepen our understanding of the literary texts and gain further insight into their cultural context. Mr. Mhiri.

Prerequisite: one course in Religion or Africana Studies.

Not offered in 2006/07.

205b. Arab American Literature

(1)

This course examines issues related to identity formation, such as ethnicity, gender, religion, and biculturalism among at least four generations of American writers, intellectuals, and journalists of Arab descent. Students also read accounts by Arab travelers in the U.S., autobiographies, novels, short stories, and poetry spanning the twentieth century, as well as articles, and book chapters about the immigration and cultural history of Arab Americans. The authors studied include: Khalil Bigran, Elia Abu Madi, Mikhail Naimy, Joseph Geha, Diana Abu Jaber, Naomi Shihab Nye and Suheir Hammad. Mr. Mhiri.

[209b. The African Novel]

(1)

This course examines works of fiction as well as autobiographies from different parts of Africa. Starting from literature produced during the period of Negritude movement to more recent works of prose, this course explores how African societies and cultures are represented by African writers. We study mainly how the African novel captures the diversity of African communities and deconstruct assumptions of a homogeneous African experience. Readings include works by Chinua Achebe, Ngugi wa Thiong'o, Aye Kwei Armah, Ben Okri, Ama Ata Aidoo, Mariama Ba, and Tsitsi Dangaremba.

Not offered in 2006/07.

210b. Comparative Perspectives on African Literature

(1)

African literatures written in English and in French have tended to be considered as separate entities. The purpose of this course is to question that divide by studying specific novels, ranging from 1953-2004, in dialogue with one another. Related films are shown and discussed. Works studied are Chinua Achebe's (Nigeria) *Things Fall Apart* (1958), Ahmadou Kourouma's (Ivory Coast) *The Suns of Independence* (1968, trad. 1981), Camara Laye's (Guinea) *The Dark Child: Autobiography of an African Boy* (1953, trad. 1954), Wole Soyinka's (Nigeria) *Ake: The Years of Childhood* (1981), Mongo Beti's (Cameroon) *Perpetua and the Habit of Unhappiness* (1953, trad. 1978), Ayi Kwei Armah's (Ghana) *The Beautiful One Are Not Yet Born* (1988), Aminata Sow Fall's (Senegal) *The Beggars Strike* (1981), Helon Habila's (Nigeria) *Waiting for an Angel* (2004), Buddhi Emecheta's (Nigeria/England) *The New Tribe* (2000) and Calixthe Beyala's (Cameroon/France) *Loukoum: The Little Prince of Belleville* (1992, trad. 1998). Ms. Celerier.

218a. Literature, Gender, and Sexuality

(1)

(Same as English 218) The course considers matters of gender and sexuality in literary texts, criticism, and theory. The focus varies from year to year, and may include study of a historical period, literary movement, or genre; constructions of masculinity and femininity; sexual identities; or representations of gender in relation to race and class.

Topic for 2006/07: *Black Feminism*. This course examines the development and history of black feminism in the United States. Through reading works of fiction, memoir, and theory, we explore the central concerns of the black feminist movement, and consider black feminism's response to Civil Rights, Black Nationalism, and white feminism. Authors may include Anna Julia Cooper, Angela Davis, bell hooks, Audre Lorde, Toni Morrison and others. Ms. Dunbar

227a. African American Literature, Origins to 1946

(1)

(Same as English 227) This course examines the origins of black literature in America. Our exploration begins with West African and African American oral texts: chants, sorrow songs, hymns, sermons, folk tales. Particular attention is paid to lyricism of Phyllis Wheatley and the political discourse of such figures as Ida B. Wells, Maria Stewart and David Walker. We also examine the textured autobiographies of writers like Frederick Douglas, Harriet Wilson and Harriet Jacobs before grounding ourselves in the early African American novel. In the works of writers like Charles Chesnutt, James Weldon Johnson, and Jessie Fauset we hope to understand how these written texts created their own aesthetic principles while interacting with dominate literary traditions of the day. Ms. Dunbar.

228b. African American Literature, 1946 to Present (1)

(Same as English 228) Beginning with the literature of social realism, we cover almost sixty years of African American Literature, including some of the major critical discourses (modernism, protest fiction, the black arts movement, postmodernism) that have guided its development over the past century. This course seeks to identify literary characteristics that have evolved out of the culture and contemporary experience of black people in America. One of our goals is to better understand how black literature created its own aesthetic principles in its interaction with the dominant literary traditions of the day. Ms. Dunbar.

236b. African Cinema: A Continental Survey (1)

(Same as Film 236) African national cinemas reflect the rich, complex history of the continent. These films from lands as diverse as Chad, Senegal and South Africa reveal the various ways filmmakers have challenged the representation of Africa and Africans while simultaneously revising conventional cinematic syntax. This survey course examines the internal gaze of African-born auteurs like Ousmane Sembene (*Le Nor de Z, Xala, Mandabi*), Djbril Diop Mambety (*Hyenes*), Desire Ecare (*Faces of Women*), Manthia Diawara (*Conakry Kas*), and Mahmat-Saleh Haroun (*Bye-Bye Africa*). It places these films alongside the external gaze of practitioners Euzan Palcy (*A Dry White Season*), Jean-Jacques Annaud (*Noir et Blancs en Couleur*) and Raoul Peck (*Lumumba*). The films of documentary filmmakers Anne Laure Folly, Ngozi Onwurah and Prاتبah Parmaar are also examined. This course utilizes the post-colonial film theory and scholarship of Imruh Bakari, Mbye Cham, Nwachukwu Frank Ukadike and Manthia Diawara. Screenings, readings and papers required. Ms. Mask.

237a. The Music and Literary Traditions of Five Caribbean Islands: Colonialism into the Twenty-First Century (1)

(Same as Music 237) The Caribbean is fast becoming an influential international voice. Through the eyes of its writers and musicians, past and present, this course examines the complex and sometimes fractious relationship between the Caribbean and Africa, Europe, Asia, and the Americas. Mr. Reid.

251a. The Black Woman as Novelist (1)

(Same as English 251) An examination of the novels of black women writing in English. Particular consideration is given to literary forms, cultural approaches to novelistic expression, and the roles of black women in fiction and society. Authors may include: Toni Morrison, Ann Petry, Gloria Naylor, Buchi Emecheta, Jamaica Kincaid, Tsitsi Dangarembga, Zora Neale Hurston and others. Ms. Yow.

Prerequisite: 1 unit of 100-level work or by special permission of the director.

252b. Writing the Diaspora (1)

(Same as English 252) This course focuses on writers of the modern African Diaspora and on creative writing. How can the narratives of the Diaspora aid a young writer in writing through complexity? What are the intricacies of undesired movement and place? What are the creative limitations within the narrative form, and how can we push those limitations while creating our own stories and essays? This course focuses on the writing and close reading of innovative Diasporic short fiction and creative nonfiction. The course may include the writers: Charles Johnson, Mari Evans, Ngugi Wa Thiong'o, Harriet Wilson, Aminata Sow Fall, Ken Mufuka, Nikki Giovanni, Sonia Sanchez, and Sam Selvon, as well as some film and music. In a workshop setting, students explore the possibilities of narrative voice, the range available to the narrative "I," the rounding of secondary characters, and the pressures of fictively representing one's race, gender, tribe or group. Mr. Laymon.

Prerequisites: one course in literature or Africana Studies.

253a. The Arts of Central, Eastern, and Southern Africa (1)

(Same as Art 253) This course explores the ways in which sculpture, textiles, painting, drawing, and photography function both historically and currently in relationship to particular themes such as religion, trade, and diaspora (both Atlantic and Indian

Ocean), political power and healing. We also consider the visual arts in relationship to issues of improvisation, identity and self-representation, and forms of resistance. Ms. Brielmaier.

Pre-requisites: Art 105-106, or one 200-level course in Africana Studies or by permission of the instructor.

254b. The Arts of Western and Northern Africa (1)

(Same as Art 254) This course is organized thematically and examines the ways in which sculpture, architecture, painting, and photography function both historically and currently in relationship to broader cultural issues. Within this context, this course explores performance and masquerade in relationship to gender, social, and political power. We also consider the connections between the visual arts and cosmology, Islam, identity, ideas of diaspora, colonialism and post-colonialism, as well as the representation of "Self," and the "Other." Ms. Brielmaier.

Prerequisites: Art 105-106, or one 200-level course in Africana Studies, or by permission of the instructor.

263b. Words of Fire: African American Orators and Their Orations (1)

Like their African counterparts, African Americans have an urgent concern with the intellectual and emotive force of the word in the appropriate socio-political context. Sound, meaning, and manner of speaking the language undergirds the structure of human relationships in oratory within and outside the African American community, from its African origins through slavery, Reconstruction, the Jim Crow Era, Civil Rights up through the period of Malcolm X, Martin Luther King, Jr., and the Congressional Black Caucus. The oral traditions of African Americans is a vernacular art form experienced from the preacher pulpit, the political stump, the legislative halls, the street corner, and the theatrical stage. Ms. Bickerstaff.

266b. African American Arts and Artifacts (1)

(Same as Art 266) An introduction to the artistic and material production of African Americans in the U.S. from the colonial period to the present day. We examine multiple influences on (African, European, American, diasporic, etc.) and uses for black creative expression. Working with an expansive conception of art, we pay close attention to the work of formally and non-formally trained artists in relation to their social, cultural, aesthetic, and historical contexts. Ms. Collins.

Prerequisites: Art 105-106 or by permission of the instructor.

[270a. The Harlem Renaissance] (1)

(Same as English 270) A critical analysis of the outpouring of serious creative effort in poetry and prose in Harlem during the early 1900s to 1930s by writers whose works were influenced by an emergent sense of nationalism, cultural awakening, self-awareness, and by an affirmation of the African past. The vigor and versatility of the period is expressed in the works of such writers as W. E. B. DuBois, Claude McKay, Alain Locke, Countee Cullen, James Weldon Johnson, and Jean Toomer. Ms. Dunbar.

Not offered in 2006/07.

275b. Caribbean Discourse (1)

(Same as English 275) Study of the work of artists and intellectuals from the Caribbean. Analysis of fiction, non-fiction, and popular cultural forms such as calypso and reggae within their historical contexts. Attention to cultural strategies of resistance to colonial domination and to questions of community formation in the post-colonial era. May include some discussion of post-colonial literary theory and cultural studies. Ms. Yow.

D. Others or Variable

290a or b. Field Work (½ or 1)

Individual or group field projects or internships. The department.

Unscheduled. May be selected during the academic year or during the summer.

298a or b. Independent Work (½ or 1)
 Individual or group project of reading or research. The department.
 Unscheduled. May be selected during the academic year or during the summer.

299a. Research Methods (½)
 An introduction to the research methods used in the disciplines represented by Africana Studies. Through a variety of individual projects, students learn the approaches necessary to design projects, collect data, analyze results, and write research reports. The course includes some field trips to sites relevant to student projects. The emphasis is on technology and archival research, using the Library's new facilities in these areas. Required of majors and correlates, but open to students in all disciplines. Program faculty and Ms. Kurosman.

E. Reading Courses

Note: prerequisites for all sections of 297, permission of instructor.

297.04b. Psychology of Black Experience in White America (½)
 Mr. Mamiya.

**297.05a. Multi-Ethnic Literature for Young Children:
 From Aesop to Zemach** (½)
 Ms. Bickerstaff.

[297.08a/b. Caribbean Politics] (½)
 Mr. Longman.
 Not offered in 2006/07.

297.09b. African Religions (½)
 Mr. Mamiya.

III. Advanced

A. Intellectual History and Social Thought

**[310b. Politics and Religion: Tradition and Modernization
 in the Third World]** (1)
 (Same as Religion 310) An examination of the central problem facing all Third World and developing countries, the confrontation between the process of modernization and religious tradition and custom. Along with the social, economic, and political aspects, the course focuses on the problems of cultural identity and crises of meaning raised by the modernizing process. Selected case studies are drawn from Africa and Asia. Mr. Mamiya.

Prerequisite: Sociology/Religion 261 or Africana Studies 268, or 2 units in Religion or Africana Studies at the 200-level, or by permission of instructor.
 Not offered in 2006/07.

315a. Religion and American Culture: Black Women and Religion (1)
 (Same as Religion 315 and American Culture 315) In this seminar we examine the religious beliefs, experiences, and practices of black women in various historical periods in the United States. Using personal narratives, historical studies, fiction, and film, we devote particular attention to: the ways in which American gender and racial constructions have shaped women's religious lives, shaped black women's religious activism, and shaped their religiously-grounded cultural and intellectual expressions. Ms. Weisenfeld.

321a. Cross-Cultural Studies in Education: Policy, Politics, Power (1)
 (Same as Education 321) A comparative study of education and schooling in selected contemporary societies—United States, Africa, Asia, South America. Through the case-study method, this seminar examines formal educational institutions from pre-

school to post-secondary education. Educational ideology and practice as reflected in curriculum and school organization are reviewed. Within the United States, the schooling of culturally different populations is studied. Among them are: Appalachian, Native American, black urban (north and south), and elite white independent schools. Ms. Bickerstaff.

Prerequisite: 2 units of coursework from the social science division, Africana Studies, or by permission of instructor.

B. Migration Studies and Area Studies

[320b. Up From Slavery: Schooling and Socialization of Blacks in America] (1)
(Same as Education 320) This course is devoted to both theoretical and empirical issues in the schooling of Black America from primary through post-secondary levels—eighteenth century to the present in the rural and urban environment. Students become familiar with major sociological themes in the study of education: socialization and learning; social and cultural determinants of academic performance; relationships between families and schools; inequality; the “culture” of the school and problems of change; institutional racism; and politicalization and social policy. Ms. Bickerstaff.

Prerequisite: 2 units of Education or Africana Studies or by permission of instructor.

One 2-hour period.

Not offered in 2006/07.

345b. African American Migrations: Movement, Creativity, Struggle, and Change (1)

(Same as Urban Studies 345) In this interdisciplinary seminar, we examine the Great Migration (1916-1930) and the second Great Migration (1940-1970), the twentieth-century search by millions of black southerners for opportunity, safety, and full citizenship in the cities of the Northeast, Midwest, and West. Focusing on the actions, expressions, and thoughts of migrants, we explore how migrants experienced their lives, expressed their desires, and understood society. By analyzing things such as the organizing of factory and domestic workers, the blues sung by black women, the creation of urban legends and lore, and the investigative journalism of African American newspapers and civil rights organizations, we study links between movement, creativity, struggle, and change. Ms. Collins.

352b. Seminar on Multiculturalism in Comparative Perspective (1)

(Same as Political Science 352) This seminar explores the political significance of cultural diversity. Based on the comparative analysis of the United States and other multicultural states, the course examines how and why racial, ethnic, linguistic, and religious identities become grounds for political action. The course examines the formation of identity groups and considers the origins of prejudice, racism, and discrimination. The course also considers peaceful means that governments can use to accommodate cultural diversity. In addition to the United States, countries studied may include South Africa, Rwanda, India, and Yugoslavia. Mr. Longman.

Prerequisite: by permission of instructor.

One 2-hour period.

[373b. Slavery and Abolition in Africa] (1)

(Same as History 373) The Trans-Saharan and the Atlantic slave trade transformed African communities, social structures, and cultures. The seminar explores the development, abolition, and impact of slavery in Africa from the earliest times to the twentieth century. The major conceptual and historiographical themes include indigenous servitude, female enslavement, family strategies, slave resistance, abolition, and culture. The seminar uses specific case studies as well as a comparative framework to understand slavery in Africa. Mr. Rashid.

Not offered in 2006/07.

374b. the African Diaspora and the Making of the Pan-African Movement 1900-2000 (1)

(Same as History 374) This seminar investigates the social origins, philosophical and cultural ideas, and the political forms of Pan-Africanism from the late nineteenth century to the end of the twentieth century. It explores how disaffection and resistance against slavery, racism and colonial domination in the Americas, Caribbean, Europe, and Africa led to the development of a global movement for the emancipation of peoples of African descent from 1900 onwards. The seminar examines the different ideological, cultural, and organizational manifestations of Pan-Africanism as well as the scholarly debates on development of the movement. Readings include the ideas and works of Edward Blyden, Alexander Crummel, W. E. B. Dubois, Marcus Garvey, Amy Garvey, C.L.R. James, and Kwame Nkmmah. Mr. Rashid.

Special permission.

388b. Prejudice, Racism and Social Policy (1)

(Same as Psychology 388 and Urban Studies 388) Prejudice and racism is one of the most enduring and widespread social problems facing the world today. This course tackles prejudice and racism from a social psychological perspective, and aims to give students an understanding of the theoretical causes, consequences, and “cures” of this pervasive phenomenon. We review the empirical work on stereotyping, prejudice, and discrimination and then explore real-world examples of these principles in action in the policy realm. In particular we examine historical and contemporary cases that relate to affirmative action, segregation/desegregation, bilingual education, urban policy, U.S. immigration policy, U.S. foreign policy in Rwanda and Yugoslavia. This course is intended to help upper-level students acquire the theoretical tools with which to analyze prejudice and racism research and the development of public policies. Ms. Lightbourn.

C. Arts, Culture, and Media**301a. Black Britain in Literature and Film** (1)

Black people have lived in Britain since the sixteenth century, yet their presence has been ignored in the past and contested in the present. The course examines the past and current situations of black people in Britain as described in literature and film. Issues concern notions of “home” and citizenship, immigration, sexuality and intermarriage, and the recent Stephen Lawrence murder case. Readings begin with the major black writers of the eighteenth century, such as Olaudah Equiano and Ignatius Sancho, and end with contemporary writers such as Caryl Phillips, S.I. Martin, and Zadie Smith. Films include *Mona Lisa*, *Sapphire*, *Secrets and Lies*, and excerpts from British television documentaries. Mr. Reid.

319a. Race and Its Metaphors (1)

(Same as English 319) This course reexamines the canonical literature in order to discover how race is either explicitly addressed or implicitly enabling to the texts. Does racial difference, whether or not overtly expressed, prove a useful literary tool. The focus of this course varies from year to year. Ms. Yow.

[354a. Seminar in African Art] (1)

(Same as Art 354) The Contemporary Arts of Africa. This seminar focuses on the content and form of contemporary visual production in Africa, considering the ways in which African artists across the continent negotiated various themes. Exploring sculpture, painting and photography, emphasis is placed on the changing meanings of art within African contexts. As a part of this process, the tension between the “tribal” or “traditional” and the “contemporary” or “(post) modern” is examined with respect to the ways that the advent of “national” culture as well as outside factors (colonialism, Christianity, European art education, international tourism) simultaneously presented the artist with new problems and new venues for visual production. We also consider issues concerning the representation of the “other” within African contexts as well as issues of “authenticity.” Ms. Brielmaier.

Prerequisite: permission of instructor.
 One 2-hour period.
 Not offered in 2006/07.

[366a. Seminar in African American Art and Cultural History] (1)

(Same as Art 366 and Women's Studies 366) Topic: *Vision and Critique in the Black Arts and Women's Arts Movements*. Focusing on the relationships between visual culture and social movements in the U. S., this seminar examines the arts, institutions, and ideas of the Black Arts movement and Women's Art movement of the 1960s and 1970s. Analyzing paintings, photographs, posters, quilts, collages, murals, manifestos, mixed-media works, installations, films, performances, and various systems of creation, collaboration, and display, we explore connections between art, politics, and society. Ms. Collins.

Not offered in 2006/07.

392b. Diversity in Performance (½)

(Same as Drama 392) Instructor to be announced.

D. Other or Variable

300a or b. Senior Essay or Project (1)

[369a. Major Third World Author] (1)

Studies of African or African American literary themes or a major author. Subject matter varies from year to year. Open primarily to Juniors and Seniors. Instructor to be announced.

Not offered in 2006/07.

399a or b. Senior Independent Work (½ or 1)

Senior independent study program to be worked out in consultation with an instructor. The department.

Vassar JYA Morocco Program

The Africana Studies Program has initiated an academic semester-abroad program with Mohammed V. University in Rabat, Morocco. Part of the program includes an historical study tour. Prerequisites for participation include 1) area studies, 2) two years French/or one year Arabic, and 3) intensive summer four-week classical Arabic language study in Rabat. Program coordinator: Ms. Correll. The following courses are offered:

120a. Elementary Modern Standard Moroccan Arabic and Culture (1)

Fundamentals of the language. Students learn to understand spoken Arabic, to express simple ideas both orally and in writing, and to begin reading Arabic.

Four hours per class, five times a week; one 2-hour seminar per week on Moroccan culture

121a. Introduction to Modern Standard and Moroccan Arabic (1)

The objective of this intensive course is to enable the students to acquire a basic knowledge of Modern Standard and Moroccan Arabic. The course contains four hours classical Arabic per week and four hours Moroccan Arabic per week. Classes are two hours each and include language labs. These sessions refine knowledge of the phonology of Modern Standard Arabic and cover the basics of the grammar and syntax of Modern Standard and Moroccan Arabic; there are graded practice exercises.

220a. Anthropology of the Middle East and the Maghreb (1)

The objective of this course is to introduce the students to Middle Eastern and Maghreb-ian cultures and societies, focusing on the major issues relevant to the area. The course

covers cultural commonalities and diversities in the Middle East and the Maghreb. Issues such as political systems, kinship, gender, and social change are covered and examined. Examples are drawn from the Machrek, the Maghreb, and Morocco.

221a. Cultural Ecology of Moroccan Landscapes (1)

This cultural geography course provides an introduction for the understanding of patterns and processes of human interaction with the physical environment in Morocco. Landscapes are a register of human history; they express the social and cultural values of the people who have built them. The landscapes of Morocco afford an opportunity to use the methods of cultural geography to examine the social, environmental, technological, and historical factors that shaped past and present Moroccan cultural ecology. This course includes a one week excursion to the Atlas Mountains and the desert at the end of the program.

222a. Issues in the Contemporary History of Morocco and North Africa (1)

This course examines the development of the Moroccan state within the context of the larger Maghreb (Algeria, Morocco, Tunisia). The course examines the religious, political and economic changes in Morocco's history. The phenomena of colonialism, nationalism, and independence are examined.

223a. Independent Elective Study in English, Arabic or French (1)

This course may be chosen as a substitute for either 220a, 221a or 222a.

American Culture

Director: Eileen Leonard (Sociology); **Steering Committee:** Eileen Leonard (Chair), Lisa Brawley (Urban Studies), Andrew Bush (Hispanic Studies), Lisa Collins (Art), Randy Cornelius (Psychology), Rebecca Edwards (History), Wendy Graham (English), Maria Hoehn (History), Jennifer Ma (Psychology), Marque Miringoff (Sociology), Robin Trainor (Education), Adelaide H. Villmoare (Political Science), Patricia Wallace (English) Judith Weisenfeld (Religion); **Participating Faculty:** Lisa Brawley, Andrew Bush, Kristin Carter (Women's Studies), Mario Cesareo (Hispanic Studies), Miriam Cohen (History), Lisa Collins, Randolph Cornelius, Margaretta Downey, Rebecca Edwards, Wendy Graham, Maria Hoehn, Eileen Leonard, Peter Leonard (Field Work), Karen Lucic (Art), Jennifer Ma, Marque Miringoff, Joseph Nevins (Geography), H. Daniel Peck (English), Robert Rebelein (Economics), Tyrone Simpson (English), Sam Speers, Adelaide Villmoare, Patricia Wallace, Judith Weisenfeld, Laura Yow (English).

The multidisciplinary program in American Culture offers students an opportunity to study the civilization of the United States from a variety of perspectives and through the methodologies of different intellectual disciplines. "Culture," as used in this program, means the ways in which Americans understand themselves and interact with each other and their environment. It includes their institutions as well as their literature, their families, their politics and economics, work and machines, habits, rituals, ideas and beliefs, and art and artifacts. Because of the social diversity of Americans, the study of culture in the United States refers to many cultures and must ask how this diversity coexists with national identity.

The program has three main purposes: (1) to familiarize students with the dissimilar ways that various disciplines study culture; (2) to give them a broad knowledge of various facets of American culture; and (3) to develop a more sophisticated understanding of one aspect of American culture.

Because Vassar offers a broad range of courses relevant to the study of American culture, students interested in the concentration should consult with the program's director as early as possible in order to plan a coherent program of study around their interests. Although the emphasis varies with the training and interests of individual students, all students in the program should think of their study of American culture as including some attention to: (a) American expression in the arts; (b) American institutions—political, social, economic; (c) American thought and beliefs; (d) American history; and (e) the American physical environment. Students are admitted to the program by the director, subject to the approval of their statement of focus and program of study by the panel of advisers. Students interested in pursuing a concentration in ethnic studies within American Culture should consult with the Director. (For example, a list of Asian American Studies courses and interested faculty has been prepared and is available in the American Culture Office.)

Requirements for Concentration: 16 units, including (1) the Seminar in American Culture; (2) at least 2 units of special studies in American Culture (American Culture 280 or 380 courses); (3) 1 unit of advanced (300-level) work in each of two separate disciplines, in the junior or senior year, one of which must be selected from the supplementary list of approved courses; (4) familiarity with a culture other than American (this requirement may be met by a semester's study abroad in the junior year or by 1 unit selected from an approved list of courses); (5) the senior project; (6) the senior colloquium; and (7) remaining courses chosen from the supplementary list of approved courses.

After the declaration of the major, no required courses may be elected NRO.

Junior-Year Requirements: 1 unit of special studies in American Culture; and the Seminar in American Culture (250).

Senior-Year Requirements: Senior thesis or project (300); Senior Colloquium (301); and Multidisciplinary Research Methods (313).

I. Introductory

105a. Themes in American Culture: *Introduction to Native American Studies* (1)

This course is a multidisciplinary introduction to the study of Native Americans including the topics, literature and leading scholars in the field. It acquaints the students in a broad way with the historical, environmental, legal, spiritual, and artistic aspects of Native America. Literary production (novels, short stories, autobiographies or essays) are considered in light of both the oral tradition and the artistic and cultural traditions of selected groups. Instructor to be announced.

Open to freshmen and sophomores only.

Two 75-minute periods.

180a. Introduction to Social Problems (1)

(Same as Sociology 180a) Ms. Leonard.

II. Intermediate

212b. The Press in America (1)

The course examines the media's role in the contemporary world, covering mostly traditional journalism venues of newspapers, magazines, and television. Different kinds of writing are explored from news reporting to feature profiles, from editorial writing to criticism. Journalism standards and ethics and the history of the press are reviewed, especially since Watergate. Through reading assignments, students are encouraged to take a critical view of journalism, both print and electronic. Students are also asked to develop their skills as editors by evaluating work of their peers in class. Applicants to the course must submit samples of original nonfiction writing and a statement about why they want to take the course. The nature of the writing submissions is specified beforehand in flyers distributed to students through the program office. Ms. Downey.

Not open to first-year students.

Deadline for submission of writing samples one week after October break.

Admission by permission of the instructor.

One 2-hour period.

250a. Seminar in American Culture: *The Multidisciplinary Approach* (1)

The intent of the seminar is to help students converge upon a cultural feature from more than one direction, to recognize some of its inherent complexities, and to assess the peculiar resources for such illumination offered by a multidisciplinary approach.

Topic for 2006/07: *America in the World*. This course focuses on current debates in American Studies about resituating the question of "America" in global terms. We explore the theoretical and political problems involved in such a reorientation of the field as we examine topics such as American militarization and empire, American involvement in global monetary organizations such as the World Trade Organization and the World Bank, the question of a distinctive national and international American culture, foreign perspectives on American and "Americanization," and the global significance of American popular culture including film and music such as hip-hop. Ms. Brawley, Ms. Weisenfeld.

Required of students concentrating in the program. Generally not open to senior majors. Open to other students by permission of the director and as space permits.

Two 75-minute periods.

275b. Ethnicity and Race in America: *Whiteness* (1)

This course examines "white" American identity as a cultural location and a discourse with a history-in Mark Twain's terms, "a fiction of law and custom." What are the origins of "Anglo-Saxon" American identity? What are the borders, visible and invisible, against which this identity has leveraged position and power? How have these borders shifted over time, and in social and cultural space? How has whiteness located itself at the center of political, historical, social and literary discourse, and how has it been displaced? How does whiteness mark itself, or mask itself? What does whiteness look like, sound like, and feel like from the perspective of the racial "other"? What happens when we consider whiteness as a racial or ethnic category? And in what ways

do considerations of gender and class complicate these other questions? We read works by artists, journalists, and critics, among them Bill Finnegan, Benjamin DeMott, Lisa Lowe, David Roediger, George Lipsitz, Roland Barthes, Chela Sandoval, Eric Lott, bell hooks, Cherríe Moraga, Ruth Frankenberg, James Baldwin, Homi Bhabha, Louisa May Alcott, Mark Twain, James Weldon Johnson, Charlotte Perkins Gilman, William Faulkner, Nathanael West, Alice Walker, and Don DeLillo. We also explore the way whiteness is deployed, consolidated and critiqued in popular media like film (*Birth of a Nation*, *Pulp Fiction*, *Pleasantville*) television (“reality” shows, *The West Wing*) and the American popular press. Ms. Carter.

Two 75-minute periods.

280b. The Practice of American Social Movements (1)

This course examines social movements as a practice where issues of class, race, gender, politics, universes of discourse and social imaginaries are contained, exploded and articulated. The theatricality of political practice and the political dimensions of performance are explored. The course focuses on social movements that started in the 1960’s, including civil rights, Black Power, Brown Berets, Plowshares, feminism, and national liberator movements and follows their historical development and transformations into the present. Students are encouraged to reflect upon the issues and the interpretive models required for their understanding. Mr. Cesareo.

Two 75-minute periods.

282b. US-Mexico Border: Nation, God, and Human Rights in Arizona-Sonora (1)

(Same as Geology 282 and Latin American and Latino/a Studies 282) Born in large part of violence, conquest, and dispossession, the United States-Mexico border region has evolved over the last 150 years into a site of intense economic growth and trade, demographic expansion, and ethno-cultural interaction. It has also become a focus of intense political debate and conflict-especially over the last decade or so. This course focuses on these processes as they relate to the US-Mexico boundary, with an emphasis on contemporary socio-political struggles and movements and their historical-geographical roots. In doing so, it examines the dynamic intersection of different ideologies, social identities, and ethical and political commitments as they relate to nationalism, religion, and human rights in the Arizona-Sonora, Mexico region. Course participants visit the region during Spring break. Applications to determine enrollment for the course are reviewed by the instructors in the Fall. Mr. Nevins and Mr. Speers.

Admission by permission of instructor.

Two 75-minute periods.

[285b. Social Movements in the Americas] (1)

(Same as Latin American and Latino/a Studies 285) In this multidisciplinary course, we examine continuities and transformations in both the study and practice of modern social movements in the United States and Latin America., as well as movements that are transnational in scope. We explore the origins, dynamics, and consequences of a range of social movements from class-based movements to movements that are based in gender, racial, ethnic, national, and transnational identities. We pay particularly close attention to links between social movements in the United States and Latin America. Ms. Collins, Ms. Hite.

Two 75-minute periods.

Not offered in 2006/07.

287b American Television Culture (1)

This course introduces a set of critical tools for analyzing television culture. We begin with the assumption that television is a major shaping force for culture, politics, and society, and therefore deserves our notice and considered engagement. It offers the student a chance to examine, in a critical context, his or her own relation to TV in all its forms: the soap, the sitcom, the made-for-TV movie, the documentary, 24-hour music and news channels, the infomercial, and reality TV. Special attention is paid

to the way in which television's modes of address and technologies of representation constitute and transform race, gender, and class identities in the U.S. Ms. Yow, Ms. Carter.

290a or b. Field Work (½ or 1)
Permission of the director required.

298a or b. Independent Study (½ or 1)
Permission of the director required.

III. Advanced Courses

300a. Senior Thesis or Project (1)
Required of students concentrating in the program.
The senior project is graded Distinction, Satisfactory, or Unsatisfactory.

301b. Senior Colloquium (1)
A study of particular forms and concepts, versions and visions of American community at the local, national, and international level. The course is designed to enable students through individual and group projects to explore contested issues and methodological problems in American studies.
Topic for 2006/07: *To be announced.*
Prerequisite: Required of seniors concentrating in the program.
Special Permission.
One 2-hour period.

313a. Multidisciplinary Research Methods (½)
This course is required for all senior American Culture majors. It considers the practical difficulties of applying multidisciplinary approaches to various kinds of American cultural texts. It is intended as preparation for developing the Senior Thesis or Project.
Ms. Leonard.
Prerequisite: permission of director.
One 75-minute period.

315a. Religion and American Culture (1)
(Same as Africana Studies 315 and Religion 315a) Ms. Weisenfeld.

380a. Art, War and Social Change (1)
(Same as Sociology 380a) Ms. Miringoff.

[381b. The Desert and the Skyscraper: New American Landscapes of the Early Twentieth Century] (1)
In the early twentieth century, the deserts of the American southwest and the skyscrapers of Manhattan came to the attention of writers and artists. That these new landscapes came into the purview of art at the same time, and sometimes in works by the same figures, reflects deep changes in American culture: intellectual, social, and technological (the invention of the hydraulics of elevators, for example). These matters are considered through the works of artists such as Georgia O'Keeffe and John Marin, and writers such as Mary Austin and John C. Van Dyke. Mr. Peck.
One 2-hour period.
Not offered in 2006/07.

[382b. Documenting America 1900-1945] (1)
This course explores the various ways in which artists, photographers, writers and government agencies attempted to create documents of American life in the first half of the Twentieth Century. The course examines in what ways such documents can be seen as products of aesthetic vision or social conscience, or both. Among the questions we consider are: In what ways do these works document issues of race and

gender that complicate our understanding of American life? How are our understandings of industrialization and consumerism, the Great Depression and World War II, shaped and altered by such works as the photographs of Lewis Hine, Dorothea Lange and Esther Bubley, the paintings of Jacob Lawrence, the novels of William Faulkner, Richard Wright, Chester Hine and Zora Neale Hurston, and the poems of William Carlos Williams. Ms. Cohen, Ms. Wallace.

One 2-hour period.

Not offered in 2006/07.

**385a. The Art of Nature: Painting, Literature, and Landscape Design (1)
in the Hudson Valley**

(Same as Art 385a) This seminar examines the vital concern for picturesque landscape—both actual and imaginary—in the evolution of art and cultural expression in the Hudson River Valley. The course investigates the relationship of important innovators in landscape design, such as Downing, Vaux, and Olmsted, to the literary and artistic works of Cole, Durand, Irving, Bryant, and others. It concludes by considering contemporary artists' engagement with the landscape, such as Christo and Jeanne-Claude's "Gates" in Central Park, William Clift's photographs, Peter Hutton's films, Andy Goldsworthy's wall at Storm King and the installations of the Minetta Brook Hudson River Project, such as Christian Muller's earthwork at Bard College. The course includes several fieldtrips to study the continuing impact of nineteenth-century landscape theory and traditions in New York City and the Hudson River Valley. Ms. Lucic, Mr. Peck.

Prerequisite: Special permission.

One two-hour period.

Anthropology

Professors: Colleen Ballerino Cohen, Judith L. Goldstein, Lucy Lewis Johnson, Martha Kaplan (Chair), Anne Pike-Tay; **Associate Professor:** Thomas Porcello; **Assistant Professor:** David Tavárez.

The field of anthropology seeks to promote a holistic understanding of social life by offering complex accounts of human histories, societies and cultures. Anthropologists undertake ethnographic, archival, and archaeological research on the varied aspects of individual and collective experience in all time periods and parts of the world. The Department of Anthropology offers a wide range of options for majors and for nonmajors in recognition of the broad interdisciplinary nature of the field. Nonmajors from all classes may choose courses at any level with permission of the instructor and without introductory anthropology as a prerequisite.

Requirements for Concentration: 12 units including Anthropology 140, 201, 301, and two additional 300-level Anthropology seminars. It is required that students take Anthropology 201 by the end of their junior year and highly recommended that they take it in their sophomore year. Anthropology 140 is a prerequisite or co-requisite for Anthropology 201. Students are required to take courses in at least three of the four fields of anthropology; those being archaeology, biological anthropology, cultural anthropology, and linguistics. Students are also required to achieve familiarity with the peoples and cultures of at least two areas of the world. This requirement can be met by taking any two courses in the range from Anthropology 235-244. The remaining courses are to be chosen from among the departmental offerings in consultation with the adviser in order to give the student both a strong focus within anthropology and an overall understanding of the field. With the consent of the adviser, students may petition the department to take up to 2 of the 12 required units in courses outside the department which are related to their focus. Once a course plan has been devised, it must be approved by the department faculty.

NRO: One introductory course taken NRO may count towards the major if a letter grade is received. If a student receives a PA for an introductory course taken under the NRO option, that student must complete 13 courses for an anthropology major. No other required courses for the major may be taken NRO.

Requirements for a Correlate Sequence: 6 units to include 1 unit at the 100-level and 2 units at the 300-level. Courses should be chosen in consultation with an anthropology department adviser in order to a) complement the student's major and b) form a coherent focus within anthropology. Possible concentrations include cultural studies, field work, evolution, archaeology, language. One introductory course taken NRO may count towards the correlate sequence if a letter grade is received. If a student receives a PA for an introductory course taken under the NRO option, that student must complete seven courses for an anthropology correlate sequence. No other required courses for the correlate sequence may be taken NRO.

Recommendations: The field experience is essential to the discipline of anthropology. Therefore, majors are urged to take at least one fieldwork course, to engage in field research during the summer, and/or to undertake independent fieldwork under a study away program.

Anthropological Research Experience: The department also offers students the opportunity for independent fieldwork/research projects through several of its courses and in conjunction with on-going faculty research projects. Opportunities for laboratory research, which is also critical to anthropological inquiry, are available in our archaeology, biological anthropology, sound analysis, and digital video editing labs.

Advisers: The department.

I. Introductory

100a. Archaeology

(1)
Archaeologists study the material evidence of past human cultures. In this course students learn how archaeologists dig up physical remains, tools, and houses and use

these data to reconstruct and understand past cultures. The methods and theory behind archaeological recovery, problem solving and interpretation are learned through the use of selected site reports, articles from all over the world, and hands on experimentation. Ms. Johnson.

120b. Human Origins (1)

This course introduces current and historical debates in the study of human evolution. Primate studies, genetics, the fossil record and paleoecology are drawn upon to address such issues as the origins and nature of human cognition, sexuality, and population variation. Ms. Pike-Tay.

140a or b. Cultural Anthropology (1)

An introduction to central concepts, methods, and findings in cultural anthropology, including culture, cultural difference, the interpretation of culture, and participant-observation. The course uses cross-cultural comparison to question scholarly and commonsense understandings of human nature. Topics may include sexuality, kinship, political and economic systems, myth, ritual and cosmology, and culturally varied ways of constructing race, gender, and ethnicity. Students undertake small research projects and explore different styles of ethnographic writing. Ms. Lowe.

150a or b. Linguistics and Anthropology (1)

This course provides the student with a practical introduction to structuralist methods of linguistic analysis. There is a focus on both theoretical discussions about, and practical exercises in, the phonology, morphology, syntax, and semantics of natural human languages. Additional topics include: the acquisition of linguistic and communicative competence; the relationship between human language and other animal communication systems; and cultural and social dimensions of language variation (including the study of regional and social dialects, code switching and mixing, speaking styles, registers, and idiolects). The course is intended both as the College's general introduction to formal linguistics and as a foundation for more advanced courses in related areas. Mr. Tavárez.

[170a. Topics in Anthropology] (1)

This course provides the student with an introduction to anthropology through a focus on a particular issue or aspect of human experience. Topics vary, but may include Anthropology through Film, American Popular Culture, Extinctions, Peoples of the World. The Department.

Open only to freshmen. Satisfies requirement for a Freshmen Course.
Not offered in 2006/07.

II. Intermediate

201b. Anthropological Theory (1)

In this course we explore the history of intellectual innovations that make anthropology distinctive among the social sciences. We seek to achieve an analytic perspective on the history of the discipline and also to consider the social and political contexts, and consequences, of anthropology's theory. While the course is historical and chronological in organization, we read major theoretical and ethnographic works that form the background to debates and issues in contemporary anthropology. Ms. Kaplan.

Prerequisite or Co-requisite: Anthropology 140.

[212b. World Musics] (1)

(Same as Music 212)

Not offered in 2006/07.

231a. Topics in Archaeology (1)

An examination of topics of interest in current archaeological analysis. We examine the anthropological reasons for such analyses, how analysis proceeds, what has been discovered to date through such analyses, and what the future of the topic seems to be.

Possible topics include tools and human behavior, lithic technology, the archaeology of death, prehistoric settlement systems, origins of material culture.

May be repeated for credit if the topic has changed.

Prerequisite: prior coursework in Anthropology or by permission of instructor.

Topic for 2006/07a: *Field Archaeology*. (Same as Environmental Studies 231) In this course students learn archaeological survey, excavation, and analytical techniques through working on a local archaeological site. Survey methods include both surface survey and mapping with an Electronic Total Station and non-invasive electronic surveys such as Resistivity, Magnetometer and Ground Penetrating Radar. In addition to using these instruments students learn how they work. We also perform test excavations both to ground test our results and to date the features encountered. Lectures and readings provide students a basic understanding of the archaeology of New York State and the theories that drive its study. In 2006 we conduct our fieldwork at the prehistoric and historic site at Dennings Point, Beacon, NY, or at a site at Mohonk Preserve. Ms. Johnson.

Special permission.

Saturday: 8:30-5:30, weather permitting. When the weather is inclement, we work in the lab from 9 am until the collections have been processed.

[232a. Topics in Biological Anthropology] (1)

This course covers topics within the broad field of biological (or physical) anthropology ranging from evolutionary theory to the human fossil record to the identification of human skeletal remains from crime scenes and accidents. Bioanthropology conceptualizes cultural behavior as an integral part of our behavior as a species. Topics covered in this course may include human evolution, primate behavior, population genetics, human demography and variation, or forensic anthropology.

May be repeated for credit if the topic has changed.

Prerequisite: prior coursework in Anthropology or by permission of instructor.

Not offered in 2006/07.

235a or b. Area Studies in Prehistory (1)

This course is a detailed, intensive investigation of archaeological remains from a particular geographic region of the world. The area investigated varies from year to year and includes such areas as Eurasia, North America, and the native civilizations of Central and South America.

May be repeated for credit if the topic has changed.

Prerequisites: Prior coursework in Anthropology or by permission of instructor.

Topic for 2006/07a: *Prehistoric Eurasia*. Using the theories and methods of anthropological archaeology this course reviews the major themes of research in the prehistory of Europe and the Near East, with selected coverage of the Paleolithic Far East and Australia. It outlines the evolution of human ancestors, their eventual colonization of northern regions, and the biological and cultural theories regarding the Neanderthals. It critically examines the significance of the coincident appearance of anatomically modern humans with the emergence of art, ritual, and language. It presents evidence for highly complex hunter-gatherer social systems across Eurasia, followed by the expansion of economies based on domesticated plants and animals. Subsistence economy, trade, settlement strategies, technology, social organization and symbolic behavior are emphasized throughout the course. Ms. Pike-Tay.

Topic for 2006/07b: *Native American Civilizations*. In three areas of prehistoric America, cultures developed to the state of complexity recognized as civilization: Highland Mexico, the Mayan Area, and the Central Andes. This course examines the development of civilization in each of these areas, various hypotheses concerning these developments, and the influence of each one upon the other two. Ms. Johnson.

240b. Cultural Localities (1)

Detailed study of the cultures of people living in a particular area of the world, including their politics, economy, world view, religion, expressive practices, and historical transformations. Included is a critical assessment of different approaches to the study of culture. Areas covered vary from year to year and may include Europe, Africa,

North America, and India.

May be repeated for credit if the topic has changed.

Prerequisite: previous coursework in Anthropology or by permission of instructor.

Topic for 2006/07b: *Mesoamerican Worlds*. (Same as Latin American and Latino/a Studies 240). An intensive survey of the culture, history, literature and politics of several indigenous societies that have deep historical ties to territory now located in Mexico, Guatemala, Belize, Honduras, and El Salvador. This course explores the emergence of Mesoamerican states with a cosmology tied to warfare and human sacrifice, the reconfiguration of these societies under the twin burdens of Christianity and colonial rule, and analyzes indigenous strategies that have sought to preserve local notions of identity, and cope with incorporation into nation-states. The course also examines the representation of indigenous identities in the national and global spheres, the rapport among environmental policies and local agriculture, and legal projects that address indigenous autonomy in Mexico and Guatemala. Mr. Tavárez.

241a. The Caribbean (1)

An overview of the cultures of the Caribbean, tracing the impact of slavery and colonialism on contemporary experiences and expressions of Caribbean identity. Using ethnographies, historical accounts, literature, music, and film, the course explores the multiple meanings of 'Caribbean,' as described in historical travel accounts and contemporary tourist brochures, as experienced in daily social, political, and economic life, and as expressed through cultural events such as calypso contests and Festival and cultural-political movements such as rastafarianism. Although the course deals primarily with the English-speaking Caribbean, it also includes materials on the French and Spanish speaking Caribbean and on diasporic Caribbean communities in the U.S. and U.K. Ms. Lowe.

Prerequisite: Previous coursework in Anthropology or by permission of instructor.

Alternate years: offered in 2006/07.

242b. The Frozen North (1)

Characterized by extreme cold, a dearth of plants, and rich fauna on the land and in the seas, the polar and sub-polar regions called forth unique biological and cultural adaptations from their human inhabitants. This course concentrates on peoples of the far north, looking at the myriad adjustments in technology, material culture, social structure, and ideology necessary to survive and thrive in this extreme environment. It also examines the northern people's interactions with the Europeans who invaded the area over the past millennium. Ms. Johnson.

Prerequisite: previous coursework in Anthropology or by permission of instructor.

Alternate years: offered in 2006/07.

[243b. The Pacific] (1)

An introduction to the cultures and histories of peoples of the Pacific, and to important anthropological issues that have resulted from research in the Pacific. Using historical and ethnographic documents and films, the course explores the variety of Pacific societies, from the chiefly kingdoms of Polynesia to the egalitarian societies of Papua New Guinea with some attention as well to Asian labor-diaspora communities in Hawaii and Fiji. The course analyzes the European cultural fascination with the "exotic" Pacific as well as Pacific islanders' own visions and versions of their history and goals in the encounter with European colonialism and Christianity, and in the post-colonial present. Ms. Kaplan.

Prerequisite: previous coursework in Anthropology or by permission of instructor.

Alternate years: not offered in 2006/07.

[245a. The Ethnographer's Craft] (1)
 (Same as Urban Studies 245) This course introduces students to the methods employed in constructing and analyzing ethnographic materials through readings, classroom lectures, and discussions with regular field exercises. Students gain experience in participant-observation, fieldnote-taking, interviewing, survey sampling, symbolic analysis, the use of archival documents, and the use of contemporary media. Attention is also given to current concerns with interpretation and modes of representation. Throughout the semester, students practice skills they learn in the course as they design, carry out, and write up original ethnographic projects. The department.
 Not offered in 2006/07.

247a. Modern Social Theory: Marx, Durkheim, and Weber (1)
 (Same as Sociology 247a)

250b. Language, Culture, and Society (1)
 This course draws on a wide range of theoretical perspectives in exploring a particular problem, emphasizing the contribution of linguistics and linguistic anthropology to issues that bear on research in a number of disciplines. At issue in each selected course topic are the complex ways in which cultures, societies, and individuals are interrelated in the act of using language within and across particular speech communities.

May be repeated for credit if the topic has changed.

Prerequisite: Anthropology 150 or permission of instructor.

Topic for 2006/07b: *Sociolinguistics*. Spanning disciplines including anthropology, sociology, linguistics, psychology, and folklore, sociolinguistics analyzes relationships among languages, societies, and individuals. Of central concern is developing systematic accounts of and explanations for variations in language use among members of a given society. This course explores both macro- and micro-sociolinguistic approaches to examining how social structure influences the ways in which people talk, how varieties and patterns of language use correlate with social attributes, and how social institutions (schools, government, the media) shape and reflect attitudes toward language and language use. Topics explored include standard and non-standard registers, code-switching, "biased" languages, dialect variation, politeness, and language ideologies. Mr. Porcello.

255a. Language and Gender (1)
 This course focuses on language as a cultural means of communication. Gender is approached both as a grammatical category and as a social category of person linked to different kinds of language use. The course explores the way in which language use and ideologies about language use both inform and are informed by gender. The investigation of language and gender and of gender-related social movements are explored from a cross-cultural perspective. Mr. Tavárez.

[259a. Soundscapes: Anthropology of Music] (1)
 (Same as Music 259) This course investigates a series of questions about the relationship between music and the individuals and societies that perform and listen to it. In other words, music is examined and appreciated as a form of human expression existing within and across specific cultural contexts. How does music create and express social identity, value, and difference? How is music used to include or exclude individuals from group membership? How is group solidarity-stylistic, ethnic, nationalistic-linked to patterns of musical production and consumption? How do we make sense of our lives through making and listening to music? Where do musicians draw their creativity from? How do we listen? Why do we perform? The course takes an interdisciplinary approach to the social life of music, addressing historical themes and debates within multiple academic fields (anthropology, ethnomusicology, sociology, linguistics, philosophical aesthetics, cultural and media studies) via readings, recordings, and films. Mr. Porcello.

Prerequisites: prior coursework in Anthropology or Music, or by permission of instructor.

Not offered in 2006/07.

[260b. Current Themes in Anthropological Theory and Method] (1)

The focus is upon particular cultural sub-systems and their study in cross-cultural perspective. The sub-system selected varies from year to year. Examples include: kinship systems, political organizations, religious beliefs and practices, verbal and nonverbal communication.

May be repeated for credit if the topic has changed.

Prerequisite: previous coursework in Anthropology or by permission of instructor.

Not offered in 2006/07.

261a. Culture, Power, History (1)

This course examines the turn to historical questions in current anthropology. What are the implications of cultural difference for an understanding of history, and of history for an understanding of culture? Recent works which propose new ways of thinking about western and non-western peoples and the power to make history are read. Theoretical positions include structure and history, world system, hegemony and resistance, globalization theory, and discourse approaches. Historical/ethnographic situations range from New Guinea cargo cults to the English industrial revolution, from the history of sugar as a commodity to the colonizing of Egypt, from debates about the sexuality of women and Hindu gods in Fiji to the role of spirit mediums in the struggle for Zimbabwe. Ms. Kaplan.

Prerequisite: previous coursework in Anthropology or by permission of instructor.

Alternate years: offered in 2006/07.

262a. Anthropological Approaches to Myth, Ritual and Symbol (1)

What is the place of myth, ritual and symbol in human social life? Do symbols reflect reality, or create it? This course considers answers to these questions in social theory (Marx, Freud and Durkheim) and in major anthropological approaches (functionalism, structuralism, and symbolic anthropology). It then reviews current debates in interpretive anthropology about order and change, power and resistance, and the role of ritual in the making of history. Ethnographic studies include Fiji, Indonesia, Papua New Guinea, sixteenth century Italy, the Seneca, and the U.S. Ms. Kaplan.

Prerequisite: previous coursework in Anthropology or by permission of instructor.

Alternate years: offered in 2006/07.

[263b. Anthropology Goes to the Movies: Film, Video, and Ethnography] (1)

This course examines how film and video are used in ethnography as tools for study and as means of ethnographic documentary and representation. Topics covered include history and theory of visual anthropology, issues of representation and audience, indigenous film, and contemporary ethnographic approaches to popular media. Ms. Cohen.

Prerequisite: previous coursework in Anthropology or Film or by permission of instructor.

Two 75-minute class periods, plus 3-hour preview lab.

Alternate years: not offered in 2006/07.

264a. Anthropology of Art (1)

The Anthropology of Art explores the practices of producing and interpreting art. The course moves from classic analyses of the form and function of art in the work of Franz Boas, through ethnoaesthetics, to the developing world market in the art objects traditionally studied by anthropologists. Among the topics explored in the course are connoisseurship and taste, authenticity, "primitive art," and the ethnographic museum. Ms. Goldstein.

Prerequisite: previous coursework in Anthropology or by permission of instructor.

280b. Anthropological Approaches to the Study of Food. (1)

Considering the wide array of nutritional possibilities, why do people select certain food sources and reject others? Why is there an abundance of food in some societies and a dearth in others? Food is embedded in symbolic, political and economic systems; it is an index of our histories, geographies, belief systems, social statuses, as well as our national culture and global positioning. In this course, we explore the cultural and political economy of food. We examine its production, preparation, distribution, and consumption, and cover such topics as food taboos, changing tastes, food systems and colonialism, fast and slow foods, and the importance of food in the construction of gender, national and religious distinction. Ms. Lowe.

Prerequisite: Prior coursework in Anthropology or permission of instructor.

283b. The Jewish Gothic (1)

(Same as Jewish Studies 283) Ms. Goldstein.

290a or b. Field Work (½ or 1)

Individual or group field projects or internships. May be elected during the college year or during the summer. Open to all students. The department.

297a or b. Reading Course in Archaeological Field Methods (½)

Ms. Johnson.

298a or b. Independent Work (½ or 1)

Individual or group project of reading or research. May be elected during the college year or during the summer. The department.

III. Advanced**300a or b. Senior Thesis (1)**

The department.

301a. Senior Seminar (1)

A close examination of current theory in anthropology, oriented around a topic of general interest, such as history and anthropology, the writing of ethnography, or the theory of practice. Students write a substantial paper applying one or more of the theories discussed in class. Readings change from year to year. Ms. Goldstein.

305b. Topics in Advanced Biological Anthropology (1)

An examination of such topics as primate structure and behavior, the Plio-Pleistocene hominids, the final evolution of *Homo sapiens sapiens*, forensic anthropology, and human biological diversity.

May be repeated for credit if the topic has changed.

Prerequisite: Anthropology 232 or by permission of the instructor.

Topic for 2006/07b: *Seminar in Forensic Anthropology and Paleopathology*. This course is an advanced introduction to the subfields of Forensic Anthropology, the application of osteological and anthropological techniques to the law; and of Paleopathology, the investigation of incidences of trauma, infectious diseases, nutritional deficiencies and other conditions that leave evidence on human bones. Prominent case studies such as the identification of members of the Russian imperial family; of missing American soldiers in Southeast Asia; and of recent war-crime victims from Latin America, Africa, and the Balkans, all of which have required the analyses of forensic anthropologists and paleopathologists, are reviewed. Ms. Pike-Tay.

331a. Seminar in Archaeological Method and Theory (1)

The theoretical underpinnings of anthropological archaeology and the use of theory in studying particular bodies of data. The focus ranges from examination of published data covering topics such as architecture and society, the origin of complex society, the relationship between technology and ecology to more laboratory-oriented examination

of such topics as archaeometry, archaeozoology, or lithic technology.

Prerequisites: 200-level work in archaeology or by permission of instructor.

May be repeated for credit if the topic has changed.

Topic for 2006/07a: *Technology, Ecology and Society*. (Same as Science, Technology, and Society 331 and Environmental Studies 331) Examines the interactions between human beings and their environment as mediated by technology from the earliest evidence of toolmaking approximately up to the Industrial Revolution. Includes some experimentation with primitive technologies. Ms. Johnson.

351b. Language and Expressive Culture (1)

This seminar provides the advanced student with an intensive investigation of theoretical and practical problems in specific areas of research that relate language and linguistics to expressive activity. Although emphasizing linguistic modes of analysis and argumentation, the course is situated at the intersection of important intellectual crosscurrents in the arts, humanities, and social sciences that focus on how culture is produced and projected through not only verbal, but also musical, material, kinaesthetic, and dramatic arts. Each topic culminates in independent research projects.

May be repeated for credit if the topic has changed.

Prerequisite: previous coursework in linguistics or by permission of instructor.

Topic for 2006/07b: *Sound*. (Same as Media Studies 351) This seminar centers on the examination of acoustic, perceptual, and cultural dimensions of aural phenomena. Linguistics is one focal area of the course, in which we pursue both qualitative and quantitative analyses of paralinguistic and prosodic features (pitch, intonation, rhythm, timbre, formants), acoustic phonetics, and especially issues of sound symbolism (onomatopoeia, iconicity, metaphor, and synaesthesia). Additional topics of discussion include relationships between sound structure and social structure as investigated by anthropologists and ethnomusicologists, sound as an element of various media, and relationships between sound and both natural and built environments. Mr. Porcello.

360a or b. Problems in Cultural Analysis (1)

Covers a variety of current issues in modern anthropology in terms of ongoing discussion among scholars of diverse opinions rather than a rigid body of fact and theory. The department.

May be repeated for credit if topic has changed.

Prerequisites: Previous coursework in Anthropology or by permission of instructor.

Topic for 2006/07a: *Diaspora and Migration*. Culture is often thought of as a stable and bounded entity, developed in relative seclusion. However, a closer look at the relationships between humans across time reveals that people have always been in intercultural contact and that cultures have more likely developed through cross cultural encounters, rather than in isolation. Using theory, ethnography, film, and music, this course highlights aspects of globalization that have put waves of people, information, ideas and money on the move, paying specific attention to diaspora and migration. Theories of globalization, diaspora and transnationalism help students better understand why and when peoples move in and across state boundaries, and analyze the push and pull factors influencing movements from the South to North, and from East to West and vice versa. Ethnographies help students visualize how such flows are experienced locally, and how "culture" is continually made in and through movement and as a consequence of contact. The question that animates and organizes our inquiries is: How do global flows of human interaction challenge or substantiate our understandings of constructs such as "culture," "race," and "nation-state"? Ms. Lowe.

Topic for 2006/07b: *Asian Diasporas*. (Same as Asian Studies 360 and Geography 360). Ms. Kaplan, Ms. Zhou.

361b. Consumer Culture (1)

An examination of classic and recent work on the culture of consumption. Among the topics we study are gender and consumption, the creation of value, commodity fetishism, the history of the department store, and the effect of Western goods on non-Western societies. Ms. Goldstein.

Prerequisite: previous coursework in Anthropology or by permission of instructor.

[362a. Race, Ethnicity, and Gender] (1)

This seminar examines the influence of culture on two categories of difference that are presumed to be natural: race and gender. The course explores the contributions of anthropologists to understandings of race and gender by focusing on related debates, public policies, and medical discourses, as well as how the content and form of these distinctions vary across space and time. Using ethnographies, various theoretical perspectives, historical documents and films, we think critically about how, when, and towards what ends race and gender are deployed, and about the relationship between these constructs. Attention is also given to the related concepts of ethnicity and sexuality. Ms. Lowe.

Not offered in 2006/07.

[363a. Nations, Globalization, and Post-Coloniality] (1)

(Same as International Studies 363) How do conditions of globalization and dilemmas of post-coloniality challenge the nation-state? Do they also reinforce and reinvent it? This course engages three related topics and literatures; recent anthropology of the nation-state; the anthropology of colonial and post-colonial societies; and the anthropology of global institutions and global flows. Ms. Kaplan.

Prerequisite: previous coursework in Anthropology or by permission of instructor.

Not offered in 2006/07.

[364a. Tourism] (1)

Recreational travel to distant places to experience other cultures is becoming big business as tourism achieves the status of one of the leading growth industries world-wide. This course explores this trend, emphasizing the history of tourism, the role played by and the impact of tourism in the process of development, the relationship between tourism and constructions of national and cultural identities and negotiations for power, and the concept "tourist" as it applies to the experience of recreational travelers and ethnographic study and representation alike. Students use ethnographic case studies, novels, essays, historical travel journals, travel brochures, advertisements, and personal narratives, to prepare in-depth analyses and accounts of tourism. Ms. Cohen.

Prerequisite: previous coursework in Anthropology or by permission of instructor.

Not offered in 2006/07.

399a or b. Senior Independent Work (½ or 1)

Individual or group project of reading or research. May be elected during the college year or during the summer. The department.

Anthropology-Geography

For curricular offerings see page 219.

Anthropology-Sociology

Students may elect to do a combined degree program in Anthropology-Sociology.

The Departments of Anthropology and Sociology strongly encourage prospective joint majors to identify related interests within each department's offerings that can be used in developing a coherent series of classes. Elective coursework in each department can then be used in developing complementary perspectives. Examples include gender, media/cultural representation, and race/ethnicity.

Requirements for Concentration: A total of 16 units in the two fields must be taken, with no more imbalance than 9 in one and 7 in the other.

Anthropology Requirements:

Anthropology 140	Cultural Anthropology	(1)
One additional Anthropology 100-level course		(1)
Anthropology 201	Anthropological Theory	(1)
Anthropology 301	Senior Seminar	(1)
One additional 300-level Anthropology Seminar		(1)

Sociology Requirements:

Sociology 151	Introduction to Sociology	(1)
Sociology 247	Modern Social Theory	(1)
Sociology 254	Research Methods	(1)
Sociology 300a-301b	Senior Thesis	(1)
One additional 300-level Sociology course		(1)

The above requirements total 10 units. The remaining 6 units required for the joint major should be chosen in consultation with the student's adviser.

Advisers: All members of the Departments of Anthropology and Sociology. A joint major should have one adviser in each department.

Art

Professors: Nicholas Adams, Eve D'Ambra (Chair), Frances D. Fergusson^{ab}, Susan D. Kuretsky, Karen Lucic, Brian Lukacher^a, Molly Nesbit, Harry Roseman; **Associate Professors:** Peter Charlap, Lisa Collins^a, Jacqueline Marie Musacchio, Andrew Watsky^{ab}; **Assistant Professor:** Laura Newman^b; **Lecturer:** James Monday; **Adjunct Assistant Professors:** Anne Bertrand-Dewsnap, Richard Bosman, Isolde Brielmaier, Gina Ruggeri, Jessica Winston; **Adjunct Assistant Professor:** Glenn Forley; **Adjunct Instructor:** Judith Linn.

Requirements for Concentration in Art History: The major consists of a minimum of 12 units. 10 units, including Art 105-106, must be in graded art history courses taken at Vassar. 2 units may be taken in studio art and/or architectural design, or may be transferred from work completed outside of Vassar, such as courses taken Junior Year Abroad.

Distribution: 6 units must be divided equally between groups A, B, and C. 1 unit in group D (African or Asian) may be substituted for a unit from any of the other three groups and 1 unit taken JYA may also be applied to meet this distribution requirement. 3 units must be in 300-level art history courses: two seminars in different art historical groups and 301 (senior project). 300-level seminars are to be selected on the basis of courses in the same area already taken on the 200-level. Majors are also urged to take a 300-level seminar before 301.

A) Ancient	B) Renaissance	C) Nineteenth Century	D) Asian
Medieval	Seventeenth Century	Twentieth Century American	African
		African American	

Departmental and interdisciplinary courses that do not conform to the groupings listed above may be applied to the distribution requirements upon approval of the student's major adviser.

Ungraded/NRO work may not be used to satisfy the requirements for the art history concentration.

Senior Year Requirements: Art 301 and 1 additional unit at the 300-level. Majors concentrating in art history are required to write a senior paper, based upon independent research and supervised by a member of the department. Petitions for exemption from this requirement, granted only in special circumstances, must be submitted to the chair in writing by the first day of classes in the A semester.

Recommendations: The selection and sequence of courses for the major should be planned closely with the major adviser. Students are advised to take courses in the history of painting, sculpture, and architecture, and are strongly encouraged to take at least one studio course. Students considering graduate study in art history are advised to take courses in foreign languages: German, and the Romance, Classical, or Asian languages, depending on areas of interest. Students with special interest in architectural design and/or city planning should meet with the departmental adviser to discuss this concentration.

The art department offers a correlate sequence in art history to allow students to develop an area of significant interest outside their major field of concentration. In consultation with a departmental adviser, the student will select a body of courses encompassing introductory through advanced study and covering more than one historical period.

The Correlate Sequence in Art History: 6 graded units including Art 105-106, three 200-level courses in at least two art historical period groups, and one 300-level course.

Advisers: the art history faculty.

Requirements for Concentration in Studio Art: 13 units; 4 units must be in graded art history courses, consisting of Art 105-106 and two 200-level courses in different groups (A, B, C, or D) listed above; 9 studio units, 7 of which must be graded units taken at Vassar, including Art 102-103; 4 units in 200-level studio courses, of which

^{ab} Absent on leave for the year.

^a Absent on leave, first semester.

^b Absent on leave, second semester.

2 must be Art 204-205 and 2 must be in sequential courses in painting, drawing, or printmaking; 3 units in 300-level studio courses including Art 301. By special permission up to 2 units of 298 and 399 work can be included in the major.

Senior Year Requirements: Art 301 and 1 additional unit at the 300-level.

Studio Art: Entrance into the studio concentration is determined by evaluation of the student's class work and by a review of the student's portfolio by the studio faculty. The portfolio may be submitted for evaluation at any time, ordinarily between the spring of the sophomore year and the spring of the junior year. Students taking studio courses are charged a fee to cover the cost of some materials, and they may be responsible for the purchase of additional materials. Studio majors are required to attend and participate in the majors' critiques.

Students who wish to concentrate in studio art are advised to take Art 102-103 in their freshman year and at least one additional studio course in the sophomore year in order to have a portfolio of work to be evaluated for admission to the studio art concentration. Those students interested in the studio concentration should consult the studio faculty no later than the end of the sophomore year. NRO work may not be used to satisfy the requirements for the studio concentration.

Advisers: the studio art faculty.

Art History

I. Introductory

105a-106b. Introduction to the History of Art (1)

An historical and analytical introduction to architecture, sculpture, and painting. The department.

Open to all classes. Enrollment limited by class.

Three 50-minute periods and one conference hour.

[120a. Viewing and Reading Race in Today's Visual Culture] (1)

This course explores ideas and representations of race, specifically as they relate to people of African descent in today's global visual culture. Focusing on the twentieth-first century, we consider ways of viewing and reading race in contemporary visual art, film, video, mass media, fashion, advertising and music. Readings, short papers, group assignments, films and videos, museum and gallery visits. Ms. Brielmaier.

Open to freshmen. Limited enrollment.

Two 75-minute periods.

Not offered in 2006/07.

180b. The Architecture of Home (1)

The architectural form of the private house responds quickly to changes in society. At one moment it serves primarily as a form of representation, offering little space for private activity; at other times, it serves primarily as a refuge for the nuclear family offering little public role. We examine the changes in the role of the home over time with special emphasis on present and future visions of domestic life. Among the subjects to be covered are the kitchenless house, the artist (and architect's house), the house as gendered space, the palace as home, houses for the homeless, the contemporary wired house (or unprivate house). Films, novels, and poetry, as well as site visits, help us understand the values being represented in the houses we study. Mr. Adams.

Open to freshmen. Limited enrollment.

Two 75-minute periods.

190a. Images and Ideas: Exploring the Sense of Sight (1)

An exploration of how various notions of seeing (as perception, as recognition, as revelation) have been treated in the visual arts and in literature. Class meetings take place in the Frances Lehman Loeb Art Center so that students may make regular use of Vassar's extensive art collection. Ms. Kuretsky.

Open to freshmen. Limited enrollment.

Two 75-minute periods.

II. Intermediate

[210a. Greek Art and Architecture] (1)

(Same as Classics 210). Sculpture, vase painting, and architecture from the Archaic and Classical periods, with glances back to the Bronze Age and forward to the Hellenistic kingdoms. Stylistic developments leading to the ideal types of hero, warrior, athlete, maiden, etc. are central to the course, along with the mythological subjects that glorified the city-state and marked religious cults and the rituals of everyday life. Ms. D'Ambra.

Prerequisite: Art 105-106 or Classics 216 or 217, or by permission of instructor.

Two 75-minute periods.

Not offered in 2006/07.

211b. Roman Art and Architecture (1)

(Same as Classics 211) Sculpture, painting, and architecture in the Roman Republic and Empire. Topics include: the appeal of Greek styles, the spread of artistic and architectural forms throughout the vast empire and its provinces, the role of art as political propaganda for state and as status symbols for private patrons. Ms. D'Ambra.

Prerequisite: Art 105-106 or Classics 218 or 219, or by permission of instructor.

Two 75-minute periods.

220a. Romanesque and Gothic Architecture (1)

A history of architecture from the revival of monumental building by the Carolingians in the north of Europe down to the age of the great cathedrals in the thirteenth century. While it is a survey of mostly church architecture, coverage extends to castles and cities. Topics explored include Benedictine monasticism and the legacy of Rome; materials and construction; design and structural innovations of Gothic in the Ile-de-France; the castle in war; the city as setting for cathedral builders. Readings focus on primary sources and recent monographs. Videos and computer animations. Instructor to be announced.

Prerequisite: Art 105-106, or Medieval Studies, or by permission of instructor.

Two 75-minute periods.

221b. The Sacred Arts of the Middle Ages (1)

Sculpture, manuscript illumination, painting, and metalwork from the Carolingian through the Gothic period (800-1300). Focus is on formal and iconographic developments in their historical and monumental context. Readings focus on primary sources and writings on medieval aesthetics. Some work with Vassar's collections and New York museums. Instructor to be announced.

Prerequisites: Art 105, or Medieval Studies, or by permission of instructor.

Two 75-minute periods.

[230b. Northern Renaissance Painting] (1)

Early Netherlandish and German painting and printmaking from Campin and van Eyck to Bruegel, Holbein, and Dürer. The course examines northern European attitudes toward nature, devotional art and portraiture that developed in the early fifteenth century and their evolution up to and through the Protestant Reformation of the sixteenth century. Ms. Kuretsky.

Prerequisite: Art 105-106, or by permission of instructor.

Two 75-minute periods.

Not offered in 2006/07.

231b. Dutch and Flemish Painting in the Seventeenth Century (1)

An exploration of the new forms of secular and religious art that developed during the so-called Golden Age of the Netherlands in the works of Rubens, Rembrandt, Vermeer and their contemporaries. The course examines the impact of differing religions on Flanders and the Dutch Republic, while exploring how political, economic and scientific factors encouraged the formation of seventeenth century Netherlandish art. Ms. Kuretsky.

Prerequisite: Art 105-106.
Two 75-minute periods.

235a. Renaissance Painting, Sculpture, and Decorative Arts in Italy (1)

This course surveys a selection of the arts in Renaissance Italy, focusing primarily on Tuscany and central Italy from circa 1300 to circa 1500. This period witnessed the rise of the mendicant orders, the devastation of the Black Death, the growth of civic and private patronage, and, finally, the exile of the Medici family, all of which had a profound impact on the visual arts. The work of major artists and workshops is examined and contextualized within their political, social, and economic settings by readings and discussions of contemporary texts and recent scholarship. Ms. Musacchio.

Prerequisite: Art 105-106, or by permission of instructor.
Two 75-minute periods.

236b. Sixteenth-Century Painting, Sculpture, and Decorative Arts in Italy (1)

This course examines High Renaissance and Mannerist art in Italy. We focus in particular on Papal Rome, Ducal Florence, and Republican Venice, and the work of Leonardo da Vinci, Michelangelo, Raphael, Titian, and their followers in relation to the social and cultural currents of the time. Issues such as private patronage, female artists, contemporary sexuality, and the interconnections between monumental and domestic art are examined in light of recent scholarship in the field. Ms. Musacchio.

Prerequisite: Art 105-106, or by permission of instructor.
Two 75-minute periods.

242a. Seventeenth-Century Painting and Sculpture in Italy and France (1)

An examination of the dominant trends and figures of the Italian and French baroque period. This course explores the works of major masters including Caravaggio, Bernini, Poussin, and La Tour, as well as such issues as the development of illusionistic ceiling decoration, the theoretical basis of baroque art, the relationship of art to the scientific revolution, and art's subservience to the church and the royal court. Ms. Winston.

Prerequisite: Art 105-106, or by permission of instructor.
Two 75-minute periods.

243b. Art and Ideas of the Golden Age in Spain (1)

This class addresses painting and sculpture in Spain during the sixteenth and seventeenth centuries. We explore the art of major figures, such as El Greco, Diego Velazquez and Francisco de Zurbarán, as well as those who are less familiar. Artists and ideas are considered in their cultural context: monastic, religious, popular, devotional, court and bourgeois. In addition, we examine the use of art to expand the empire, both politically and religiously, in the New World. Ms. Winston.

Prerequisite: Art 105-106, or by permission of instructor.
Two 75-minute periods.

250a. Change and Diversity in American Art, from the Beginnings to 1865 (1)

This course examines the arts of the prehistoric, colonial, early republic, and antebellum periods. Important figures include painters such as Copley, West, Mount, Cole, and Church, and architects such as Jefferson, Bulfinch, Latrobe, Davis, and Downing. In addition, we consider the diverse and often overlooked contributions of women, Native Americans, African Americans, and folk artists. Ms. Lucic.

Prerequisite: Art 105-106, or by permission of instructor.
Two 75-minute periods.

251b. The Challenge of Modernity: American Art 1865-1945 (1)

Painting, sculpture, photography, architecture, and design during America's "coming-of-age" as a cultural, economic, and political power. The course examines the work of such figures as Richardson, Sullivan, Wright, Homer, Eakins, Cassatt, Sargent, Whistler, O'Keeffe, Hopper, Stieglitz, Strand, and the artists of the Harlem Renaissance. Ms. Lucic.

Prerequisite: Art 105-106, or by permission of instructor.
Two 75-minute periods.

253b. The Arts of Central, Eastern, and Southern Africa (1)

(Same as Africana Studies 253b) This course explores the ways in which sculpture, textiles, painting, drawing, and photography function both historically and currently in relationship to particular themes such as religion, trade and diaspora (both Atlantic and Indian Ocean), political power and healing. We also consider the visual arts in relationship to ideas of improvisation, identity and self-representation, and forms of resistance. Ms. Brielmaier.

Prerequisite: Art 105-106, or one 200-level course in Africana Studies, or by permission of the instructor.

254a The Arts of Western and Northern Africa (1)

(Same as Africana Studies 254a) This course is organized thematically and examines the ways in which sculpture, architecture, painting, and photography function both historically and currently in relationship to broader cultural issues. Within this context, this course explores performance and masquerade in relationship to gender, social, and political power. We also consider the connections between the visual arts and cosmology, Islam, identity, ideas of diaspora, colonialism and post-colonialism, as well as the representation of the “Self”, and the “Other”. Ms. Brielmaier.

Prerequisite: Art 105-106, or one 200-level course in Africana Studies, or by permission of the instructor.

[257a. The Arts of China] (1)

A historical survey of the major developments in Chinese art from the Neolithic period through the Qing dynasty, including archaeological discoveries, bronzes, ceramics, Buddhist sculpture, architecture, calligraphy, and painting. Mr. Watsky.

Prerequisite: Art 105-106, or by permission of instructor.

Two 75-minute periods.

Not offered in 2006/07.

[258a. The Arts of Japan] (1)

A historical survey of the major developments in Japanese art from prehistoric times through the present, including painting, sculpture, decorative arts, architecture, and garden design. Mr. Watsky.

Prerequisite: Art 105-106, or by permission of instructor.

Two 75-minute periods.

Not offered in 2006/07.

[259b. Warriors, Deities and Tea Masters: Japanese Art of the Momoyama Period (1568-1615)] (1)

A survey of the arts during this brief yet pivotal period, when artists and patrons in a newly redefined Japan explored several—often contrasting—aesthetic ideals. The course examines developments in a range of mediums, including painting, architecture, ceramics, and lacquer. Some of the themes treated are the tea ceremony, the first arrival of Europeans, the workshop in Japanese art, and genre. Mr. Watsky.

Prerequisite: Art 105-106, or by permission of instructor.

Two 75-minute periods.

Not offered in 2006/07.

260b. Mirrors of Emperors, Vehicles of Pleasure: Japanese Art of the Edo Period (1615-1868) (1)

A survey of the arts during this long period of peace, when the Tokugawa shoguns ruled from their capital in Edo (present-day Tokyo). As sole arbiters of national authority, these warrior-class leaders expanded and transformed the traditional iconography of overt power, especially in painting and architecture. At the same time, the merchant class emerged as significant sponsors of the arts and, among other contributions, introduced novel subject matter—sex and the theater—in paintings and prints. Older sources

of art patronage, such as the Imperial Court and Buddhism, evolved their traditions in new directions. Mr. Watsky.

Prerequisite: Art 105-106, or by permission of instructor.

Two 75-minute periods.

Alternate years: offered in 2006/07.

[262a. Art and Revolution in Europe, 1789-1848] (1)

A survey of major movements and figures in European art, 1789-1848, focusing on such issues as the contemporaneity of antiquity in revolutionary history painting, the eclipse of mythological and religious art by an art of social observation and political commentary, the romantic cult of genius, imagination, and creative self-definition, and the emergence of landscape painting in an industrializing culture. Mr. Lukacher.

Prerequisite: Art 105-106, or by permission of instructor.

Two 75-minute periods.

Not offered in 2006/07.

263b. Painters of Modern Life: Realism, Impressionism, Symbolism (1)

A survey of major movements and figures in European art, 1848-1900, examining the realist, impressionist, and symbolist challenges to the dominant art institutions, aesthetic assumptions, and social values of the period; also addressing how a critique of modernity and a sociology of aesthetics can be seen developing through these phases of artistic experimentation. Mr. Lukacher.

Prerequisite: Art 105-106, or by permission of instructor.

Two 75-minute periods.

264a. The Avant-Gardes, 1889-1929 (1)

(Same as Media Studies 264a) The formation of the European avant-gardes is studied as part of the general modernization of everyday life. Various media are included: painting, sculpture, architecture, photography, the applied arts, and film. Ms. Nesbit.

Prerequisite: Art 105-106, or by permission of instructor.

Two 75-minute periods.

265b. Modern Art and the Mass Media, 1929-1968 (1)

(Same as Media Studies 265a) The history of modernist painting in Europe and America from 1930 to 1975, together with those contemporary developments in film, photography, and the mass media. Special attention is paid to the criticism, theory, and politics of the image. Ms. Nesbit.

Prerequisite: Art 105-106, or by permission of instructor.

Two 75-minute periods.

266b. African American Arts and Artifacts (1)

(Same as Africana Studies 266) An introduction to the artistic and material production of African Americans in the U.S. from the colonial period to the present day. We examine multiple influences on (African, European, American, diasporic, etc.) and uses for black creative expression. Working with an expansive conception of art, we pay close attention to the work of formally and non-formally trained artists in relation to their social, cultural, aesthetic, and historical contexts. Ms. Collins.

Prerequisite: Art 105-106, or by permission of instructor.

Two 75-minute periods.

[268b. The Times, 1968-now] (1)

This course studies the visual arts of the last thirty years, in America and abroad, together with the often difficult discussion emerging around them. The traditional fine arts as well as the new media, performance, film and architecture are included. Ms. Nesbit.

Prerequisite: Art 264 or 265 or by permission of instructor.

Two 75-minute periods.

Not offered in 2006/07.

270a. Renaissance Architecture (1)

European architecture and city building from 1300-1500; focus on Italian architecture and Italian architects; encounters between Italian and other cultures throughout Europe and the Mediterranean. Mr. Adams.

Prerequisite: Art 105-106, or 170 or by permission of instructor.
Two 75-minute periods.

[271b. Early Modern Architecture] (1)

European and American architecture and city building (1500-1800). Focus is on the development and transformation of Renaissance ideas through their diffusion through Europe and the Mediterranean and their encounter with new exigencies in the Americas. Instructor to be announced.

Prerequisite: Art 105-106, or 170, or by permission of instructor.
Not offered in 2006/07.

272b. Modern Architecture (1)

The period from 1800-1930 represents the period of the richest change in the history of architecture. Beginning with the transformation of the nature of architecture and architectural practice with Ledoux and Boullée it ends with the sparkling manifestoes of modernism and the extravagant experiments of Le Corbusier. Among the architects we cover are K. F. Schinkel, William Butterfield, Frank Lloyd Wright, and the first architects of Modernism such as Walter Gropius, Mies van der Rohe, and Le Corbusier. Mr. Adams.

Prerequisite: Art 105-106, or 170 or by permission of instructor.
Two 75-minute periods.

[273b. Architecture After Modernism] (1)

European and American architecture and city building (1930-present); examination of the diffusion of modernism and its reinterpretation by corporate America and Soviet Russia. Discussion of the critiques of modernism (postmodernism, deconstruction). Issues in contemporary architecture. Mr. Adams.

Prerequisite: Art 105-106, or 170, or by permission of instructor.
Two 75-minute periods.
Not offered in 2006/07.

290a or b. Field Work (½ or 1)

Projects undertaken in cooperation with approved galleries, archives, collections, or other agencies concerned with the visual arts, including architecture. The department.

May be taken either semester or in the summer.

Open by permission of a supervising instructor. Not included in the minimum requirements for the major.

Prerequisites: Art 105-106 and one 200-level course.

298a or b. Independent Work (½ or 1)

Open by permission of the instructor with the concurrence of the adviser in the field of concentration. Not included in the minimum for the major.

III. Advanced

Prerequisite for advanced courses: 3 units of 200-level work or the equivalent. By permission.

300a or b. Senior Paper Preparation (½)

Optional. Regular meetings with a faculty member to prepare an annotated bibliography and thesis statement for the senior paper. Course must be scheduled in the semester prior to the writing of the senior paper. Credit given only upon completion of the senior paper. Ungraded.

Prerequisite: permission of the Chair of the Art Department.

- 301a or b. Senior Project** (1)
Supervised independent research culminating in a written paper.
- [310b. Seminar in Ancient Art]** (1)
(Same as Classics 310) Pompeii: Public and Private Life. A study of the urban development of a Roman town with public buildings and centers of entertainment that gave shape to political life and civic pride. The houses, villas, and gardens of private citizens demonstrate intense social competition, as well as peculiarly Roman attitudes toward privacy, domesticity, and nature. Ms. D'Ambra.
Prerequisite: permission of instructor.
One 2-hour period.
Not offered in 2006/07.
- [320b. Seminar in Medieval Art]** (1)
Prerequisite: permission of instructor.
One 2-hour period.
Not offered in 2006/07.
- [330a. Seminar in Baroque Art]** (1)
Prerequisite: permission of instructor.
One 2-hour period.
Not offered in 2006/07.
- 331a. Seminar in Northern Art** (1)
Art and Science in the Age of Vermeer. The seminar explores the importance of empirical investigation in the "Age of Observation" to developments in seventeenth-century Dutch art and thought. After examining responses to nature on the part of earlier northern European painters such as Jan van Eyck, Albrecht Dürer, and Pieter Bruegel, we go on to consider, among other topics, the impact of lenses and the camera obscura on the art of Vermeer and his scientific and artistic contemporaries, relationships between botanical illustration and Dutch still life painting, and Rembrandt's depictions of anatomy lessons. Ms. Kuretsky.
Prerequisite: permission of instructor.
One 2-hour period.
- 332b. Seminar in Italian Renaissance Art** (1)
Representing Renaissance Women. Portraits of Italian Renaissance women both reflect and deny historical reality. In seeking to understand their lives, we must come to terms with the ways they were represented, the reasons for their representation, and what these representations meant to both the women and their viewers. This seminar investigates how portraiture as a genre advertised, celebrated, educated, and commemorated women. Our primary evidence is the many painted and sculpted portraits of Renaissance women executed from circa 1420 to 1600. In addition to recent art historical studies on the history and nature of portraiture, we establish a context for the portraits through a close reading of interdisciplinary sources such as contemporary literature, documents, and texts, sumptuary legislation, costume history, and material culture studies. Ms. Musacchio.
Prerequisite: permission of instructor.
One 2-hour period.
- 354b. Seminar in African Art** (1)
(Same as Africana Studies 354) The Contemporary Arts of Africa. This seminar focuses on the content and form of contemporary visual production in Africa, considering the ways in which African artists across the continent have negotiated various themes. Exploring sculpture, painting, photography, video, and installation. Emphasis is placed on the changing meanings of art within African contexts. As a part of this process, the tension between the "tribal" or "traditional" and the "contemporary" or "(post) modern" is examined with respect to the ways that the advent of "national" culture as well as outside factors (colonialism, Christianity, Islam, European art education, and

international tourism) have simultaneously presented the artist with new problems and new venues for visual presentation. We also consider issues concerning the representation of the “other” within African contexts as well as issues of “authenticity.” Ms. Brielmaier.

Prerequisite: permission of instructor.
One two-hour period.

358b. Seminar in Asian Art (1)

The Japanese Print. An examination of Japanese wood-block prints from the seventeenth through the nineteenth century. The seminar considers such issues as the technical aspects of producing wood-block prints; the varied subject matter, including the “two wheels of the vehicle of pleasure” (prostitution and theater), the Japanese landscape, and the burgeoning urban centers; and, the links between literature and prints, especially the often parodic reworking of classical literary themes in prints. Mr. Watsky.

Prerequisite: permission of instructor.
One 2-hour period.

[362a. Seminar in Nineteenth-Century Art] (1)

Prerequisite: permission of instructor.
One 2-hour period.
Not offered in 2006/07.

364a. Seminar in Twentieth-Century Art (I)

The Shape of Change. It has been a while since the world appeared as it did to Heidegger—as a picture. What shape, then, does the world take? Or, is it better to turn George Kubler’s *Shape of Time* sideways and ask about the shape of change? The seminar studies the global condition of present day culture. That there continues to be no consensus on its definition enables us to explore the active critical problems as steps in a larger trajectory inherited from the utopian experiments of the 1970s and the use they made of materialism. These questions are examined through the work of Matthew Barney, Tacita Dean, Olafur Eliasson, Thomas Hirschhorn, Pierre Huyghe, Gabriel Orozco, Martha Rosler, Allan Sekula, Rirkrit Tiravanija and Andrea Zittel. Ms. Nesbit.

Prerequisite: permission of instructor.
One two-hour period.

[366a. Seminar in African American Art and Cultural History] (1)

(Same as Africana Studies 366 and Women’s Studies 366) Vision and Critique in the Black Arts and Women’s Art Movements. Focusing on the relationships between visual culture and social movements in the U.S., this seminar examines the arts, institutions, and ideas of the Black Arts movement, and the Women’s Art movement of the 1960s and 1970s. Analyzing paintings, photographs, posters, quilts, collages, murals, manifestos, mixed-media works, installations, films, performances, and various systems of creation, collaboration, and display, we explore connections between art, politics, and society. Ms. Collins.

Prerequisite: permission of instructor.
One 2-hour period.
Not offered in 2006/07.

370a. Seminar in Architectural History (1)

(Same as Urban Studies 370) Architecture and Historic Preservation: the Vassar Campus and the Twentieth Century. Students read and assess twentieth century architecture on the Vassar Campus for its significance for historic preservation. Presentations and discussion trace the evolution of architectural expression with the history of the last century, with particular attention to Vassar’s major Modern buildings. Presentations and papers rely on immediate on-site investigations and experience and research and documentation in history and the history of architecture. The course is sponsored by the Getty Foundation Heritage Grant program and is jointly taught by Nicholas

Adams and Paul Byard, Director of the Historic Preservation Program at the Columbia University Graduate School of Architecture, Planning and Preservation and a principal of Platt Byard Dovell White Architects in New York. Mr. Adams, Mr. Byard.

Prerequisite: permission of instructor.

One 2-hour period.

378b. Seminar in Museum History, Philosophy, and Practice (1)

What the Art Object Can Tell Us. This seminar focuses only on original works of art from the over 16,000 objects in the permanent and loan collections at the Francis Lehman Loeb Art Center. The class explores how history and society affect the creation and reception of art objects. Special attention is paid to patterns of collecting, conservation, and connoisseurship. Mr. Mundy.

Prerequisite: permission of instructor.

One 2-hour period.

382a. Belle Ribicoff Seminar in the History of Art (½)

The Idea of Artistic Identity in the Renaissance. This seminar examines the emergence of the artist as creative individual, alongside poets and philosophers. The place of art theory and the ways it enabled artists to assert their identity through the manipulation of style are discussed. Most classes are held at The Metropolitan Museum of Art in New York City, and organized around specific paintings, drawings, and prints in the collection. Transportation provided. Mr. Christiansen.

Prerequisite: permission of the chair.

One two-hour period.

Six-week course.

385a. Seminar in American Art: The Art of Nature: Painting, Literature, and Landscape Design in the Hudson Valley (1)

(Same as American Culture 385a) This seminar examines the vital concern for picturesque landscape—both actual and imaginary—in the evolution of art and cultural expression in the Hudson River Valley. The course investigates the relationship of important innovators in landscape design, such as Downing, Vaux, and Olmsted, to the literary and artistic works of Cole, Durand, Irving, Bryant, and others. It concludes by considering contemporary artists' engagement with landscape, such as Christo and Jeanne-Claude's "Gates" in Central Park, William Cliff's photographs, Peter Hutton's films, Andy Goldsworthy's wall at Storm King and the installations of the Minetta Brook Hudson River Project, such as Christian Muller's earthwork at Bard College. The course includes several fieldtrips to study the continuing impact of nineteenth-century landscape theory and traditions in New York City and the Hudson River Valley. Ms. Lucic, Mr. Peck.

Prerequisite: permission of instructor.

One 2-hour period.

399a or b. Senior Independent Work (½ or 1)

Open by permission of the instructor with the concurrence of the department adviser in the field of concentration. Not included in the minimum for the major.

Studio Work in Design, Drawing, Painting, Sculpture

I. Introductory

102a-103b. Basic Drawing (1)

Development of visual ideas through drawing. Line, shape, value, form, and texture are investigated through specific problems in a variety of media. Mr. Charlap, Mr. Bosman, Ms. Ruggeri, Ms. Newman.

Open to all classes.

Two 2-hour periods.

108a. Color (1)
 To develop students' understanding of color as a phenomenon and its role in art. Color theories are discussed and students solve problems to investigate color interactions using collage and paint. Mr. Charlap.
 Open to all classes.

II. Intermediate

Prerequisites for intermediate courses: Art 102a-103b or by permission of instructor.

202a-203b. Painting I (1)
 Basic painting skills are explored through a sequence of specific problems involving landscape, still life, and the figure. Instruction in the use of various painting media. Mr. Charlap.
 Two 2-hour periods.

204a-205b. Sculpture I (1)
 Introduction to the language of three-dimensional form through a sequence of specific problems which involve the use of various materials. Ms. Robins, Mr. Roseman.
 Two 2-hour periods.

[206a] 207b. Drawing (1)
 Intensive study of the figure with emphasis on establishing and pursuing a drawing idea. Study from life as well as the imagination with work from both still life and landscape. Ms. Ruggeri.
 Prerequisite: Art 102a.
 Two 2-hour periods.

208a. Printmaking: Introduction (1)
 A variety of printmaking concepts and procedures are explored through a series of assignments in monotype and collagraph. Mr. Bosman.
 Corequisite: Art 102a.
 Two 2-hour periods.

209b. Printmaking: Intaglio (1)
 The intaglio techniques of line etching, aquatint, and drypoint, as well as their variations, are applied to making both black and white and color prints. Mr. Bosman.
 Prerequisite: Art 102a.
 Two 2-hour periods.
 Alternate years.

212a. Photography (1)
 An investigation of the visual language of black and white photography. The technical and expressive aspects of exposing film, developing negatives, and printing in the darkroom are explored. No previous photographic experience is necessary. Students are required to provide their own camera, film and photographic paper. Ms Linn.
 Prerequisites: Art 102-103.
 One 4-hour period.

213b. Photography II
 This course explores the development of an individual photographic language. Technical aspects of exposure, developing and printing are taught as integral to the formation of a personal visual aesthetic. All students are required to supply their own camera, film, and photographic paper. Ms Linn.
 Prerequisite: permission of the instructor.
 One 4-hour period.

214a. Color Digital Photography (1)

This course examines how color in light delineates space and form. The goal of this class is to record this phenomenon as accurately as possible. Scanning traditional silver gelatin film and digital capture systems are utilized. Digital color prints are produced using Photoshop 7 and inkjet printing. Some of the topics covered are the documentary value of color information, the ability of the computer program to idealize our experience of reality, and the demise of the latent image. Ms. Linn.

Prerequisite: Art 212 or 213 and/or permission of the instructor.

Two 2-hour periods.

[232a. The Hudson River Observed] (1)

Drawing at sites along the Hudson River in Poughkeepsie with attention to the visible evidence of conservation, recreation, transportation and commerce. History, geology, and ecology of the river are also considered. Mr. Charlap.

Prerequisite: permission of instructor.

Not offered in 2006/07.

298a or b. Independent Study (½ or 1)

Open by permission of the instructor with the concurrence of the adviser in the field of concentration. Not included in the minimum for the major except by special permission. Mr. Charlap, Mr. Roseman, other instructors to be announced.

III. Advanced

Prerequisites for advanced courses: 2 units of 200-level work and as noted.

301a or b. Senior Project (1)

A supervised independent project in studio art.

302a, 303b. Painting II (1)

This course investigates painting through a series of assigned open-ended projects. Because it is intended to help students develop a context in which to make independent choices, it explores a wide range of conceptual and formal approaches to painting. Ms. Newman.

Prerequisite: Art 202a-203b.

Two 2-hour periods.

304a, 305b. Sculpture II (1)

The first semester is devoted to the study of perception and depiction. This is done through an intensive study of the human figure, still life, landscape, and interior space. Meaning is explored through a dialectic setup between subject and the means by which it is visually explored and presented. Within this discussion relationships between three-dimensional space and varying degrees of compressed space are also explored. In the second semester we concentrate on the realization of conceptual constructs as a way to approach sculpture. The discussions and assignments in both semesters revolve around ways in which sculpture holds ideas and symbolic meanings in the uses of visual language. Mr. Roseman.

Prerequisite: Art 204a-205b or by permission of instructor.

Two 2-hour periods.

379b. Computer Animation: Art, Science and Criticism (1)

(Same as Computer Science 379b and Media Studies 379b) An interdisciplinary course in Computer Animation aimed at students with previous experience in Computer Science, Studio Art, or Media Studies. The course introduces students to mathematical and computational principles and techniques for describing the shape, motion and shading of three-dimensional figures in Computer Animation. It introduces students to artistic principles and techniques used in drawing, painting and sculpture, as they are translated into the context of Computer Animation. It also encourages students to critically examine Computer Animation as a medium of communication. Finally,

the course exposes students to issues that arise when people from different scholarly cultures attempt to collaborate on a project of mutual interest. The course is structured as a series of animation projects interleaved with screenings and classroom discussions. Mr. Ellman, Mr. Roseman.

Prerequisite: Art 102-103, or by special permission of instructors.
Two 2-hour periods.

399a or b. Senior Independent Study (½ or 1)

Open by permission of the instructor with the concurrence of the department adviser in the field of concentration. Not included in the minimum for the major except by special permission. Mr. Charlap, Mr. Roseman, other instructors to be announced.

Studio Work in Architectural Design

275a. Architectural Drawing (1)

Elements of architectural drawing, focusing on the articulation, development and representation of architectural form. The first of a two-course sequence, drawing techniques include Multiview, paraline and perspective, with emphasis placed on the objective utilization of these techniques. Mr. Forley.

Prerequisite: Art 105-106, corequisite: one of the following 200-level architectural history courses: Art 220, 270, 272 or 273, or by permission of the instructor.

Two 2-hour periods.

276b. Architectural Drawing (1)

Elements of architectural drawing, focusing on the advanced articulation, development and representation of architectural form. The second of a two-course sequence, drawing techniques include Multi-view, paraline and perspective, with emphasis placed on the analytical utilization of these techniques. Mr. Forley.

Special permission.

Prerequisite: Art 275, corequisite: one of the following 200 level architectural history courses: Art 220, 270, 272 or 273.

Two 2-hour periods.

375b. Architectural Design (1)

Elements of architectural design, focusing on the conceptualization, refinement and expression of architectural ideas. Mr. Forley.

Special permission.

Prerequisite: Art 275 and 276, corequisite; two of the following 200-level architectural history courses: Art 220, 270, 272 or 273.

One 3-hour period, and one 1-hour period.

Asian Studies

Director: Seungsook Moon (Sociology: East Asia); **Program Faculty:** Christopher Bjork (Education: Japan, Indonesia), Hiromi Tsuchiya Dollase (Language and Literature: Japan), Wenwei Du (Language and Literature: China), E. H. Rick Jarow (Religion: Asia), Martha Kaplan (Anthropology: South Asia and the Pacific); Haoming Liu (Language and Literature: China), Yuko Matsubara (Language and Literature: Japan), Himadeep Muppidi (Political Science: South Asia), Anne Parries (Language and Literature: China), Peipei Qiu (Language and Literature: Japan and China), Hiraku Shimoda (History: East Asia), Fubing Su (Political Science: East Asia), Bryan Van Norden (Philosophy and Literature: China), Michael Walsh (Religion: China), Andrew Watsky (Art History: East Asia), Yu Zhou (Geography: East Asia).

The Asian Studies Program offers a multidisciplinary approach to the study of Asia with courses and advising in anthropology, art, economics, geography, history, language, literature and culture, philosophy, politics, religion, and sociology of Asia. While majors focus on a particular region of Asia (e.g., East Asia, South Asia, Southeast Asia) including language study, intermediate and advanced coursework, and a senior thesis in this area, they are also expected to be familiar with some other parts of Asia through the introductory courses and some coursework outside their area of specialty. A correlate sequence in Asian Studies is also offered.

While majors take courses on Asia offered in a wide range of disciplines, they are also expected to choose one or two disciplines in which they develop a theoretical or methodological sophistication that they apply to their study of Asia, particularly in their thesis and senior seminar work. Students interested in developing a concentration in Asian American Studies should refer to the catalogue section of the American Culture Program.

A student's program of study for the major or correlate is designed in close consultation with the director and an advisor. Students should obtain an application form, which includes a statement of interest, from the program office or the Asian Studies website prior to meeting with the program director. This should be done by the end of the first semester of the sophomore year if the student plans to apply for study abroad. The director and members of the program faculty review the application and make suggestions for modifications. Any changes to a plan of study should be discussed with the advisor in advance; significant changes are reviewed by the director.

Study Abroad: Study abroad in some region of Asia greatly enhances a student's learning experience and understanding of Asia and is highly recommended for program majors. Advice and literature on different programs are available through the Office of the Dean of Studies (Study Away office), Asian Studies, and the Department of Chinese and Japanese.

Asian Studies Courses: Courses approved for the Asian Studies major and correlate include courses offered by the Asian Studies Program (see Section I below) and Approved Courses (courses on Asia offered in other departments, see Section II below). A list of Asian Studies courses approved for majors is prepared and posted on the Asian Studies website before preregistration each semester. Courses not on the list which may be appropriate to an individual student's plan of study are considered for approval by the director and steering committee upon special petition by the student major, after consultation with the advisor.

Requirements for the Concentration in Asian Studies: 12 units of which at least 7 are normally taken at Vassar. After declaration of the major, all courses taken towards the major must be graded. Students may request, however, that up to 1 unit of independent study or field work be counted towards the major.

1) **Introductory-Level Study:** Two introductory level courses either offered by Asian Studies, cross listed, or from the approved course list (excluding language courses).

2) **Language:** Competency in one Asian language through the intermediate college level must be achieved and demonstrated by completion of relevant courses or special examination. Normally, 100-level language work does not count toward the major. A maximum of four units of Asian language study may be counted toward the 12 units for the major. Chinese and Japanese are offered by the Department of Chinese and

Japanese. Hindi and Korean may be taken through the Self-Instructional Language Program. The language studied should be directly relevant to the area of emphasis and be approved by the Director.

3) **Intermediate-Level Study:** A minimum of 3 units of intermediate course work (200-level) of direct relevance to Asia in at least two disciplines, selected from the list of Program Courses and Approved Courses below. Recommendation: At least two of these courses should be related to the student's regional focus within Asia and at least one should be outside the area of regional specialty.

4) **Advanced-Level Work:** A minimum of 3 units at the 300-level including the designated Asian Studies "Senior Seminar", 1 unit of thesis work (Asian Studies 300-301 or Asian Studies 302), and at least one additional 300-level seminar from the lists of Program Courses and Approved Courses below. The senior seminar and the thesis constitute the Senior Year Requirement.

5) **Discipline-Specific Courses:** Majors are expected to choose one or two disciplines in which they will take courses and develop a theoretical or methodological sophistication that they will bring to bear on their study of Asia, particularly in their thesis and senior seminar work. Introductory work in each discipline should be taken early to fulfill prerequisites for upper level work in the chosen discipline.

6) **Area-Specific Courses:** Majors should try to include three or four courses (not including language study) that focus on a student's geographical area of specialization within Asia, and two courses that include a geographic area other than the region of focus.

Requirements for the Correlate Sequence in Asian Studies: 6 units of course-work on Asia (program courses, cross-listed courses, or approved courses) including one 100-level course and at least one 300-level seminar. Courses chosen for the correlate should reflect a topical, or area, or methodological focus. Asian language study is recommended but not required. Up to two units can be taken outside the College, through Study Away or other programs. Up to two units of Asian language study may be counted toward the correlate. Up to three 100-level courses may be counted (however, at least one has to be a content course). One course can be double-counted for a major and for the correlate sequence. After declaring a correlate sequence, no NRQ courses can be taken to fulfill the requirements. Students may request that up to 1 unit of independent study or fieldwork be counted towards the correlate.

A short "Declaration of Correlate" proposal form is available on line at the Asian Studies Program home page, and in the Asian Studies Program Office. On this form students prepare a short, one paragraph proposal and a list of the six planned courses, after consulting the course list in the catalog and discussing the sequence with an adviser. Declaration proposals should describe the focus of the coursework and how it complements the student's major. The proposal must be approved by the program director.

I. Program Courses

101a. Approaching Asia (1)
An introductory course in Asian Studies that is multi-disciplinary in approach and/or multicultural in area. May be repeated for credit when a new topic is offered.

Topic for 2006/07: *Approaching Asia: Culture, Colonialism, and Modernity*. This course seeks to convey the diversity of "lived experience" in the Asian region through a close and careful reading of significant literature/novels from some of the major areas, e.g. China, Japan, Indonesia, Korea, India/Pakistan, West Asia, and also to conceptualize and theorize the singularity and commonality of some of these lived experiences by addressing the broader "theoretical"/social science questions that speak to them. Mr. Muppidi.

Two 75-minute periods.
Open to all students.

101b. Approaching Asia: Literary Paradigms of Traditional Asia (1)
An introductory survey of the classical literary and cultural traditions of East and South Asia. The course focuses on the foundational ideals of Asian cultures as well as their

“prevailing paradigms” found in literature, fine arts, and philosophical texts whose influence continues on to this day. Topics include (from India) Vedic Hymns, Epics, the *Presence of the Buddha*; (from Japan) the *Way of the Warrior*, the Lover from the *Tales of Genji*, and the Aesthetics of Emptiness; (from China) the Philosophy of Confucious, the *Taoist Way of Zhuangzi*, and the *Dream of the Red Chamber*. Mr. Jarow.

Two 75-minute periods.

Open to all students.

[110b. Asian Studies Study Trip] (1)

Normally the study trip takes place during the spring semester break, rotating to different destinations in Asia. Enrollment for the trip is determined early in the Fall semester.

Prerequisite: permission of instructor.

Not offered in 2006/07.

152a and b. Religions of Asia (1)

(Same as Religion 152) This course is an introduction to the religions of Asia (Buddhism, Confucianism, Hinduism, Zen, Shinto, etc.) through a study of practices, sites, sensibilities, and doctrines. The focus is comparative as the course explores numerous themes, including creation (cosmology), myth, ritual, action, fate and destiny, human freedom, and ultimate values. Mr. Jarow, Mr. Walsh.

Open to all students.

214a. Tumultuous Century: Twentieth Century Chinese Literature (1)

(Same as Chinese 214) Mr. Liu.

[231a. Hindu Traditions] (1)

(Same as Religion 231) Mr. Jarow.

Not offered in 2006/07.

[232b. Imagining the Dao: Daoism and Chinese Culture] (1)

(Same as Religion 232) Mr. Walsh.

Not offered in 2006/07.

[233a. Buddhist Traditions] (1)

(Same as Religion 233) Mr. Jarow.

Not offered in 2006/07.

[235a. Religions of China] (1)

(Same as Religion 235) Mr. Walsh.

Not offered in 2006/07.

236b. The Making of Modern East Asia (1)

(Same as Geography 236). Ms. Zhou.

[254b. Chinese Politics and Economy] (1)

(Same as Political Science 254) This course offers a historical and thematic survey of Chinese politics, with an emphasis on the patterns and dynamics of political development and reforms since the Communist takeover in 1949. In the historical session, we examine major political events up to the reform era, including China's imperial political system, the collapse of dynasties, civil war, Communist Party's rise to power, land reform, the Great Leap Forward, the Cultural Revolution, and launch of reform. Thematic session deals with some general issues of governance, economic reform, democratization, globalization and China's relations with Hong Kong, Taiwan and the United States. This course is designed to help students gain some perspectives to comprehend political issues in contemporary China. Mr. Su.

Not offered in 2006/07.

255b. History of India (1)

This course focuses on the history and historiography of British India from the mid-eighteenth to the mid-twentieth centuries. Readings draw on current historical scholarship, primary sources and fiction in order to understand the complex and sometimes unanticipated outcomes of the colonial encounter in the Indian subcontinent. The course provides a chronological as well as thematic account of colonial history, focusing on the formation of the modern state, as well as the institutions of civil society. This class also critically examines colonial and nationalist discourses on race, gender, caste and religious community during this period. Ms. Paidipaty.

Two 75 -minute periods.

Open to non-majors.

[267. East Asian Security] (1)

(Same as Political Science 267) Mr. Su.

Not offered in 2006/07.

272b. Comparative Education (1)

(Same as Education 272) Mr. Bjork.

280b. Japan in the Age of the Samurai (1)

This course explores pre-modern Japan from the late-1100s to the mid-1800s, when it was ruled by a warrior class, or the samurai. Social and cultural developments at the popular as well as elite levels are emphasized, and assigned readings include many primary materials in translation. The most distinctive feature of the course is a weekly screening of classic Japanese feature films dealing with the course themes. This course offers not only an historical introduction to pre-modern Japanese society and culture, but also a graphic impression of how the past is visualized in contemporary Japan. Mr. Shimoda.

One 75-minute period.

One 2-hour film screening.

290a or b. Field Work (½ or 1)

Prerequisites: 2 units of Asian Studies Program or approved coursework and permission of the program director.

298a or b. Independent Study (½ or 1)

Prerequisites: 2 units of Asian Studies Program or approved coursework and permission of the program director.

300-301. Senior Thesis (½)

A 1-unit thesis written over two semesters.

302a or b. Senior Thesis (1)

A 1-unit thesis written in the fall or spring semester. Students may elect this option only in exceptional circumstances and by special permission of the program director.

306a. Women's Movements in Asia (1)

(Same as Sociology 306 and Women's Studies 306). Topic for 2006/07: *Women's Movements in Asia*. This interdisciplinary course examines the reemergence of women's movements in contemporary Asia by focusing on their cultural and historical contexts that go beyond the theory of "resource mobilization." Drawing upon case studies from Korea, Japan, India and China, it traces the rise of feminist consciousness and women's movements at the turn of the twentieth century, and then analyzes the relationships between contemporary women's movements and the following topics: nationalism, political democratization, capitalist industrialization, ambivalence toward modernization and postmodern conditions. Ms. Moon.

Prerequisite: permission of instructor.

[320b. **The Imagined and Material in Chinese Textuality**] (1)
 (Same as Religion 320) Mr. Walsh.
 Not offered in 2006/07.

360. Senior Seminar: Asian Diasporas (1)
 The Senior Seminar addresses topics and questions that engage several areas of Asia and Asian Studies as a discipline. Topic may change yearly. The senior seminar is a required course for Asian Studies senior majors; ordinarily it may be taken by other students as well.

(Same as Anthropology and Geography 360). Asian Diasporas. Focusing on Asian diasporas, this course engages the current surge of interest in diaspora studies from both anthropological and geographical perspectives. Attention is given to issues of colonial and post colonial struggles, formation and transformation of ethnic identities, roles of middlemen minorities, and nationalism and transnationalism of Asian diasporas. The principal cases are drawn from East Asian and South Asian communities in Southeast Asia, the Pacific Islands, and the U.S. Ms. Kaplan and Ms. Zhou.

Prerequisite: Previous 200-level coursework in Anthropology, Asian Studies, or Geography.

One two-hour period.

[385a. **Asian Healing Traditions**] (1)
 (Same as Religion 385). This seminar offers a comprehensive view of the traditional medical systems and healing modalities of India and China and examines the cultural values they participate in and propound. It also includes a “laboratory” in which hands-on disciplines (such as yoga and qi-gong) are practiced and understood within their traditional contexts. From a study of classical Ayur Vedic texts, Daoist alchemical manuals, shamanic processes and their diverse structural systems, the seminar explores the relationship between healing systems, religious teachings, and social realities. It looks at ways in which the value and practices of traditional medical and healing systems continue in Asia and the West. Mr. Jarow.

Prerequisites: Hindu Traditions (Religion 231) or permission.

Not offered in 2006/07.

399a or b. Senior Independent Study (½ or 1)
 Prerequisites: 2 units of Asian Studies Program or approved coursework and permission of the program director.

II. Approved Courses

In addition to the Program courses listed above, there are approved courses given in other departments and programs. These can count towards an Asian Studies major or correlate. Look under the respective departments for course descriptions and semester or year offered. An updated list of approved courses is available in the Asian Studies Program Office and on-line on the Asian Studies Program web site before preregistration. Students are also urged to consult the additional course offerings of Asian Studies Program faculty members listed under their home departments; while these courses may not focus specifically on Asia, they often include case studies, examples, or materials related to regions of Asia.

Anthropology 240	Cultural Localities (when topic is Asian)	(1)
Anthropology 243	The Pacific	(1)
Anthropology 360	Problems in Cultural Analysis (when topic is Asian)	(1)
Anthropology 363	Nations, Globalization, and Post-Coloniality (when topic is Asian)	(1)
Art 257	The Arts of China	(1)
Art 258	The Arts of Japan	(1)
Art 259	Warriors, Deities and Tea Masters: Japanese Art of the Momoyama Period (1568-1615)	(1)
Art 260	Japanese Art of the Edo Period (1615-1868)	(1)
Art 358	Seminar in Asian Art	(1)

Chinese 160	Introduction to Classical Chinese	(1)
Chinese 212	Chinese Film and Contemporary Fiction	(1)
Chinese 360	Classical Chinese	(1)
Chinese and Japanese 120	Introduction to Chinese and Japanese Literature: Traditions Genres and Methodology	(1)
Chinese and Japanese 250	Special Topics in Chinese and Japanese Literatures	(1)
	1) Experiencing the Other: Representation of Each Other in Chinese and Western Literature Since the Eighteenth Century	
	2) Masterpieces of Classical Japanese Literature	
	3) Chinese Popular Culture	
	4) Introduction to Chinese Literature: Poetry and Fiction	
Chinese and Japanese 350	Comparative Methodology	(1)
Chinese and Japanese 361	Chinese and Japanese Drama and Theatre	(1)
Chinese and Japanese 362	Women in Japanese and Chinese Literature	(1)
Chinese and Japanese 363	Seminar: Transcending the Limit: Literary Theory in the East-West Context	(1)
Economics 268	Economic Development in Less Developed Countries	(1)
English 228	Asian/American Literature	(1)
Geography 276	Spaces of Global Capitalism	(1)
Geography 340	Advanced Regional Studies (when topic is Asian)	(1)
History 222	Revolutionary Traditions in Modern China	(1)
History 224	Modern Japan	(1)
History 255	The British Empire	(1)
History 279	The Vietnam War	(1)
History 381	Love and Death in Tokugawa Japan 1603-1868	(1)
Japanese 222	Narratives of Japan: Fiction and Film	(1)
Japanese 223	Gothic/Supernatural/Japanese Literature	(1)
Japanese 364	The West in Japanese Literature Since the Nineteenth Century	(1)
Music 212	World Musics	(1)
Philosophy 110	Early Chinese Philosophy	(1)
Philosophy 210	Neo-Confucianism and Chinese Buddhism	(1)
Political Science 150	Introduction to Comparative Politics (when taught by an Asian Studies faculty member)	(1)
Political Science 160	International Policies (when taught by an Asian Studies faculty member)	(1)
Political Science 280	Subaltern Politics	(1)
Political Science 358	Comparative Political Economy (when taught by an Asian Studies faculty member)	(1)
Political Science 363	Decolonizing International Relations	(1)
Religion 250	Across Religious Boundaries: Understanding Differences (when topic is Asian)	(1)
Religion 320	Studies in Sacred Texts (when topic is Asian)	(1)
Religion 350	Comparative Studies in Religion (when topic is Asian)	(1)
Religion 355	The Politics of Sacred Centers	(1)
Sociology 284	Food, Culture and Globalization	(1)

Astronomy

For curricular offerings, see Physics and Astronomy, page 299.

Biochemistry

Faculty: Director: Eric Eberhardt (Chemistry); see biology and chemistry.

The interdepartmental program in biochemistry provides in-depth studies in biochemistry and molecular biology built upon a solid foundation in biology and chemistry. Experimental approaches to problems are emphasized throughout the program, with course laboratories, with the Senior Laboratory in Macromolecular Function (Biochemistry 377), and with ample opportunities for students to engage in independent research.

Requirements for Concentration: 18 units; Biology 105/106, and 238; Chemistry 108/109 or 125, 244, 245, 323, and 350; Biology/Chemistry 272 and 324; Biochemistry 377; Mathematics 121/122 or 125; Physics 113 and 114; and, two additional 200- or 300-level courses in biology or chemistry, one of which must be a lecture course (excluding Biology 206). The second unit may include only one research course. After declaration of the major, no NRO work is permissible in the major.

Senior Year Requirement: Biochemistry 377.

Recommendations: Students are strongly advised to take, in their freshman year, Biology 105 and 106 and Chemistry 108/109 or 110/111. Mathematics 121/122 or 125 should be taken in either the freshman or sophomore year. Such a program is appropriate for concentration in biology and chemistry in addition to biochemistry.

Major Advisers: Chemistry: Mr. Donhauser^b, Mr. Eberhardt, Ms. Kaur, Ms. Rossi, Mr. Smart, Mr. Tanski; Biology: Ms. Crespi, Ms. Damer, Mr. Jemiolo^{ab}, Ms. Norrod, Ms. Pokrywka, Mr. Straus, Ms. Susman.

Course Offerings

See biology and chemistry.

377. Senior Laboratory in Macromolecule Function (1)

A protein and its gene are characterized by chemical modification and site-directed mutagenesis. Coursework includes student presentations and extensive laboratory work. Mr. Eberhardt.

Prerequisites: Biology/Chemistry 324.

Two four-hour periods.

384. Structural Chemistry and Biochemistry (1) (Same as Chemistry 384)

Biology

Professors: Robert S. Fritz (Chair), John H. Long, Jr., E. Pinina Norrod, Mark A. Schlessman, Kathleen M. Susman, Robert B. Suter; **Associate Professors:** Richard B. Hemmes, David K. Jemiolo^{ab}, Nancy Pokrywka^b, A. Marshall Pregnall^b, Margaret L. Ronsheim, J. William Straus; **Assistant Professors:** Erica J. Crespi, Cynthia K. Damer; **Visiting Assistant Professor:** Jason Jones.

Requirements for Concentration: 13 or 14 units

Introductory-Level: Biology 106 and either Biology 105 or AP Biology with 4 or 5 AP test score.

Intermediate-Level: 4 units of graded work with at least one course from each subject area listed below, not including Biology 255

Advanced-Level: 3 units of graded work.

Chemistry: Either Chemistry 108 and 109 or Chemistry 125 at the introductory level, and Chemistry 244 at the intermediate level.

Additional courses: 2 units to be chosen from among Chemistry 245 or 255; Physics 113, 114; Mathematics 101, 102, 121, 122, 125, or 141; Geology 151 or 161; Psychology 200; Neuroscience and Behavior 201; Environmental Science 224; and other intermediate or advanced science courses subject to departmental approval. One of the two units may also be an additional graded 200-level or 300-level Biology course or ungraded independent research, Biology 298 or 399.

Intermediate-Level Subject Areas and Courses

Ecology, Evolution and Diversity

Biology 206 Environmental Biology

Biology 208 Plant Structure and Diversity

Biology 226 Animal Structure and Diversity

Biology 241 Ecology

Biochemistry, Cellular and Molecular Biology

Biology 205 Introduction to Microbiology

Biology 238 Principles of Genetics

Biology 272 Biochemistry

Biology 280 Cellular Structure and Function

Developmental Biology and Physiology

Biology 202 Plant Physiology and Development

Biology 228 Animal Physiology

Biology 232 Developmental Biology

Biology 281 Comparative and Functional Vertebrate Anatomy

Senior Year Requirements: 2 units of graded 300-level biology taken at Vassar College.

Independent Research: The biology department encourages students to engage in independent research with faculty mentors, and offers ungraded courses Biology 178, 298, and 399. The department also offers Biology 303, a graded research experience for senior majors. Students should consult the chair or individual faculty members for guidance in initiating independent research.

Field Work: The department offers field work in biology. Students should consult the field work office and a biology faculty adviser for details.

Teaching Certification: Students who wish to obtain secondary school teaching certification in biology should consult both the biology and education departments for appropriate course requirements.

Early Advising: Those students considering a concentration in biology, particularly those who have already identified an interest in a subdiscipline of biology, should consult a departmental adviser early in their freshman year to discuss appropriate course sequences. After declaration of the major, no NRO work is permissible in the major.

Postgraduate Work: Students considering graduate school or other professional schools should be aware that such schools usually require courses beyond the minimum biology major requirements. In general, students should have at least a full year of organic chemistry, a year of physics, and a year of calculus. Students are urged to begin their chemistry and other correlated sciences coursework as soon as possible, since this

^{ab} Absent on leave for the year.

^b Absent on leave, second semester.

will assist them in successful completion of the biology major. Students should consult with the chair of biology or the pre-medical adviser at their earliest opportunity.

Further Information: For additional information on research opportunities, honors requirements, etc., please see the biology department.

Advisers: For the class of 2007 Mr. Long, Mr. Pregnall, Mr. Schlessman; for the class of 2008 Ms. Darner, Ms. Ronsheim, Ms. Susman; for the class of 2009 Mr. Fritz, Mr. Hemmes, Mr. Straus.

Correlate Sequences in Biology:

The Department of Biology offers four correlate sequences, each with a different emphasis. Students interested in undertaking a correlate in biology should consult with one of the biology advisers assigned to each class (see above). All correlate sequences require Biology 105 or AP Biology with a score of 4 or 5 on the AP exam, Biology 106, and the requirements for each subject area listed below:

Cellular Biology/Molecular Biology (6 or 7 units): Chemistry 108/109 or Chemistry 125, any two of the following: Biology 202, 205, 228, 232, 238, 272, 280; plus one of the following: Biology 316, 323, 324, 325, 370.

Animal Physiology (6 units): Biology 228, plus three of the following, at least one at the 300-level: Biology 226, 232, 238, 281, 316, 370.

Ecology/Evolution (6 units): Biology 241, 350 and one of the following; Biology 202, 205, 238, plus one of the following; Biology 208, 226, 352, 354, 356.

Behavior/Neurobiology (6 units): Two of the following: Biology 226, 228, 241; one of the following: Biology 232, 238; and one of the following: Biology 316, 340.

I. Introductory

105 a and b. Introduction to Biological Processes (1)

Development of critical thought, communication skills, and understanding of central concepts in biology, through exploration of a timely topic. The content of each section varies. The department.

106 a and b. Introduction to Biological Investigation (1)

Investigation of biological questions via extended laboratory or field projects. Emphasis is placed on observation skills, development and testing of hypotheses, experimental design, data collection, statistical analysis, and scientific writing and presentation. The department.

One 75 minute period and one four hour laboratory.

Biology 105 and 106 may be taken in any order. Students who have not taken any introductory biology should start with Biology 105 or Biology 106.

172a. Microbial Wars (1)

(Same as Science, Society, and Technology 172) This course examines ways in which some microbes have become a problem due to misuse by humans. The topics include resistance to antibiotics, emerging infections, and bioterrorism. Introductory material stresses the differences between microbes, including bacteria, protozoa, and viruses.

178a or b. Special Projects in Biology (½)

Execution and analysis of a laboratory or field study. Project to be arranged with individual instructor. The department.

Open to freshmen and sophomores only.

II. Intermediate

Two units of 100-level biology taken at Vassar College are prerequisites for entry into 200-level courses unless otherwise stated.

[202. Plant Physiology and Development] (1)

An examination of the cellular and physiological bases of plant maintenance, growth, development, and reproduction; with emphasis on the values of different plants as experimental systems. Mr. Pregnall.

Three 50-minute periods; one 4-hour laboratory.

Not offered in 2006/07.

205b. Introduction to Microbiology (1)

An introduction to the world of microbes, including bacteria, fungi, and viruses. The study of bacteria is stressed. Studies of the morphology, physiology, and genetics of bacteria are followed by their consideration in ecology, industry, and medicine. Ms. Norrod.

Two 75-minute periods; two 2-hour laboratories.

206b. Environmental Biology (1)

(Same as Science, Technology, and Society 206) A biological exploration of the impacts of contemporary agricultural production, transportation, energy production, natural resource exploitation and climate change on terrestrial and aquatic ecosystems. The course also examines habitat destruction and restoration, invasive species and emerging human and wildlife diseases. Field and laboratory data collection techniques are introduced, and then used to test hypotheses generated during lecture and discussion. Mr. Hemmes.

Two 75-minute periods; one 4-hour laboratory.

208a. Plant Structure and Diversity (1)

A study of the origins and diversification of plants. Problems to be analyzed may include mechanical support, internal transport, mechanical and biochemical defenses, life-histories, reproductive strategies, and modes of speciation. Laboratories include comparative study of the divisions of plants and identification of locally common species and families in the field. Mr. Pregnall, Ms. Ronsheim, or Mr. Schlessman.

Three 50-minute periods; one 4-hour laboratory.

226a. Animal Structure and Diversity (1)

The structures and functions of animals are compared, analyzed, and interpreted in a phylogenetic context. Emphasis is placed on the unique innovations and common solutions evolved by different taxonomic groups to solve problems related to feeding, mobility, respiration, and reproduction. Laboratory work centers on the comparative study of the anatomy of species representative of the major animal phyla. Mr. Long.

Three 50-minute periods; one 4-hour laboratory.

228. Animal Physiology (1)

A comparative examination of the approaches animals use to move, respire, eat, reproduce, sense, and regulate their internal environments. The physiological principles governing these processes are developed in lecture and applied in the laboratory. Mr. Long.

Recommended: Chemistry 108, 109, and Physics 113.

Three 50-minute periods; one 4-hour laboratory.

232a. Developmental Biology (1)

The study of embryonic development including gametogenesis, fertilization, growth, and differentiation. Molecular concepts of gene regulation and cell interactions are emphasized. The laboratory emphasizes classical embryology and modern experimental techniques. Ms. Pokrywka or Mr. Straus.

Two 75-minute periods; one 4-hour laboratory.

238b. Principles of Genetics (1)

Principles of genetics and methods of genetic analysis at the molecular, cellular, and organismal levels. Emphasis is placed on classical genetic experiments, as well as modern investigative techniques such as recombinant DNA technology, gene therapy,

genetic testing, and the use of transgenic plants and animals. Laboratory work includes experiments on prokaryotes and eukaryotes. Ms. Damer or Ms. Pokrywka.

Three 50-minute periods; one 4-hour laboratory.

241a. Ecology (1)

Population growth, species interaction, and community patterns and processes of species or groups of species are discussed. The course emphasizes these interactions within the framework of evolutionary theory. Local habitats and organisms are used as examples of how organisms are distributed in space, how populations grow, why species are adapted to their habitats, how species interact, and how communities change. Field laboratories at Vassar Farm and other localities emphasize the formulation of answerable questions and methods to test hypotheses. Mr. Fritz or Ms. Ronsheim.

Three 50-minute periods; one 4-hour field laboratory.

255b. The Science of Forensics (1)

(Same as Chemistry 255)

272b. Biochemistry (1)

(Same as Chemistry 272) Basic course covering protein structure and synthesis, enzyme action, bio-energetic principles, electron transport and oxidative phosphorylation, selected metabolic pathways in prokaryotic and eukaryotic cells. Mr. Jemiolo, Mr. Straus, or Mr. Eberhardt (Chemistry).

Prerequisite: Chemistry 244.

Three 50-minute periods; one 4-hour laboratory.

275b. Paleontology (1)

(Same as Geology 275)

280a. Cellular Structure and Function (1)

An introduction to cell biology, with a focus on subcellular organization in eukaryotes. The regulation and coordination of cellular events, and the specializations associated with a variety of cell types are considered. Topics include organelle function, the cytoskeleton, and mechanisms of cell division. Laboratory work centers on investigations of cell function with an emphasis on biological imaging. Ms. Pokrywka.

Two 75 minute periods, one 4 hour lab.

281b. Comparative and Functional Vertebrate Anatomy (1)

This course integrates the classic study of comparative anatomy with the rapidly advancing fields of phylogenetics, paleontology, biomechanics, and physiology. Weekly labs give students the opportunity to investigate the morphological and physiological adaptations associated with skeletal, muscular, respiratory, cardiovascular, reproductive and nervous systems in each vertebrate class. This knowledge of animal form and function is applied to understanding the major evolutionary events within the vertebrate lineage: origin of bone, jaws and legs, transitions from water to land to air, and the adaptive radiations of dinosaurs, bony fishes, and mammals. Lectures focus on the ideas of adaptation and constraint, the design of simulations and experiments used to test macroevolutionary predictions, and the use of the comparative method to advance biomedical research initiatives. Ms. Crespi.

Two 3-hour labs

Recommended: Physics 113

290a or b. Field Work (½ or 1)

298. Independent Work (½ or 1)

Execution and analysis of a field, laboratory, or library study. The project, arranged with an individual instructor, is expected to have a substantial paper as its final product.

Permission of instructor is required.

III. Advanced

Two (2) units of 200-level biology are prerequisites for entry into 300-level courses; see each course for specific courses required or exceptions.

303a or b. Senior Research (1)

Critical analysis, usually through observation or experimentation, of a specific research problem in biology. A student electing this course must first gain, by submission of a written research proposal, the support of a member of the biology faculty with whom to work out details of a research protocol. The formal research proposal, a final paper, and presentation of results are required parts of the course. A second faculty member participates both in the planning of the research and in final evaluation.

Permission of instructor is required.

316. Neurobiology (1)

An examination of nervous system function at the cellular level. The course emphasizes the physical and chemical foundations of intercellular communication, integration and processing of information, and principles of neural development. Laboratory includes demonstrations of biophysical methodology and experimental approaches to the study of nerve cells. Ms. Susman.

Prerequisites: 2 units of 200-level biology or 1 unit of 200-level biology and either Psychology 241 or Biopsychology 201. Recommended: Biology 228, 272.

323a. Advanced Topics in Cell Biology (1)

Investigations with a biochemical emphasis into the dynamics of the eukaryotic cell. Topics include the cell cycle, membrane trafficking, cytoskeleton, and cell signaling. Ms. Damer or Ms. Pokrywka.

Prerequisite: Biology 272.

324a. Molecular Biology (1)

(Same as Chemistry 324) An examination of the macromolecular processes underlying storage, transfer, and expression of genetic information. Topics include the structure, function, and synthesis of DNA; mutation and repair; the chemistry of RNA and protein synthesis; the regulation of gene expression; cancer and oncogenes; the molecular basis of cell differentiation; and genetic engineering. Mr. Jemiolo.

Prerequisites: one of the following: Biology 205, 238, or 272.

325b. Bioinformatics (1)

Bioinformatics is the application of information technology (informatics) to biological data. Informatics is the representation, organization, manipulation, distribution, maintenance, and use of digital information. When applied to biological data, informatics provides databases and analytical tools for answering biological questions. Bioinformatics is inherently interdisciplinary, involving aspects of biology, computer science, mathematics, physics, and chemistry. While computers have been used to analyze biological data since their invention, the need for computational methods has recently exploded due to the huge amounts of data produced by genome sequencing projects and other high-throughput technologies. Bioinformatics techniques are being used to move the field of biology from a "one gene at a time" approach, to the analysis of whole systems. In this course, students learn current bioinformatics techniques to address systems-level biological questions. Topics include sequence alignment and phylogeny, biological databases, protein structure prediction, modeling pathways and networks, comparative genomics, and the analysis of high-throughput genomic and proteomic data. Instructor to be announced.

Prerequisite: Biology 238 or Biology / Chemistry 272.

One 4-hour computer laboratory.

340b. Animal Behavior (1)

Examination of the relationship between behavior and the individual animal's survival and reproductive success in its natural environment. Evolutionary, physiological, and

developmental aspects of orientation, communication, habitat selection, foraging, reproductive tactics, and social behavior are considered. Methodology and experimental design is considered in lectures, but is given particular emphasis in the laboratory component of the course. Mr. Hemmes, Mr. Jones, or Mr. Suter.

Prerequisites: 2 units of 200-level biology or 1 unit each of 200-level biology and psychology.

Recommended: Biology 226, 228, 238, or Psychology 200.

[350. Evolutionary Biology] (1)

Study of the history of evolutionary thought, mechanisms of evolutionary change, and controversies in the study of organic evolution. Topics include the origin and maintenance of genetic variability, natural selection, adaptation, origin of species, macroevolution, co-evolution, and human evolution.

Prerequisites: any two of Biology 208, 226, or 241; or permission of the instructor.

Not offered in 2006/07.

[352. Conservation Biology] (1)

(Same as Environmental Studies 352) Conservation Biology is a new science that has developed in response to the biological diversity crisis. The goals of conservation biology are to understand human impacts on biodiversity and to develop practical approaches for mitigating them. This course is designed to provide an up-to-date synthesis of the multiple disciplines of conservation biology, with particular emphasis on applied ecology and evolutionary biology. Topics may include kinds of biological diversity, genetics of small populations, population viability analysis, systematics and endangered species, pests and invasions, habitat fragmentation, reserve design, management plans for ecosystems and species, and restoration ecology. Ms. Ronsheim or Mr. Schlessman.

Prerequisites: 2 units of 200-level Biology, preferably from 206, 208, 238, or 241; or permission of the instructor.

Not offered in 2006/07.

354b. Plant-Animal Interactions (1)

An examination of the predominant interactions between plants and animals that influence their ecology and evolution. The course focuses on the kinds of interactions (herbivory, mutualism, pollination, seed dispersal, etc.), the costs and benefits of interactions, the ecological contexts that favor certain types of species interactions (environmental stability, competition, and predation intensity), and the evolution (natural selection models and co-evolution) of interactions. Primary literature and case histories are regularly discussed and theories that explain the evolution and ecology of interactions are explored. The laboratory includes individual and group independent projects that permit observation and experimentation with plant-animal interactions. Mr. Fritz.

Prerequisite: Biology 241 or permission of instructor.

356a. Aquatic Ecology (1)

A consideration of freshwater, estuarine, and marine habitats that examines material and energy fluxes through aquatic systems; physiological aspects of primary production; the biogeochemical cycling of nutrients; adaptations of organisms to physical and chemical aspects of aquatic environments; biological processes that structure selected communities; and the role of aquatic habitat in global change phenomena. Mr. Pregnall.

370a. Immunology (1)

An examination of the immune response at the cellular and molecular levels. Topics include the structure, function, and synthesis of antibodies; transplantation and tumor immunology; immune tolerance; allergic responses; and immune deficiency diseases. Mechanisms for recognition; communication; and cooperation between different classes of lymphocytes in producing these various responses are stressed, as are

the genetic basis of immunity and the cellular definition of "self" which makes each individual unique. Ms. Norrod.

Prerequisite: Chemistry 244 or permission of instructor; Biology 238, 272 recommended.

382b. Aquatic Vertebrates (1)

Vertebrates arose as fish and later, as tetrapods, have independently and repeatedly re-evolved aquatic lineages. This confluence of origin and convergence offers us a chance to tease apart evolutionary and physiological causes. To do so, we analyze the phylogeny and function of the first vertebrates, the first tetrapods, whales and dolphins, sea turtles, and seals and sea lions. Mr. Long.

[383. Topics in Vertebrate Paleontology] (1)

(Same as Geology 383)

Not offered in 2006/07.

399a or b. Senior Independent Work (½ or 1)

Execution and analysis of a field, laboratory, or library study. The project, to be arranged with an individual instructor, is expected to have a substantial paper as its final product.

Permission of instructor is required.

IV. Graduate

400. Thesis (1)

416. Neurobiology (1)

423. Cell Biology (1)

424. Molecular Biology (1)

440. Animal Behavior (1)

450. Evolutionary Biology (1)

454. Plant-Animal Interactions (1)

456. Aquatic Ecology (1)

470. Immunology (1)

Chemistry

Professor: Miriam Rossi; **Associate Professors:** Marianne H. Begemann^b, Stuart L. Belli, Eric S. Eberhardt, Sarjit Kaur (Chair), Christopher J. Smart; **Assistant Professors:** Zachery J. Donhauser^a, Joseph M. Tanski; **Lecturer of Chemistry and Science Facilities Coordinator:** Edith C. Stout; **Lecturer:** David Nellis; **Research Professor:** Curt W. Beck.

Requirements for Concentration: A total of 12 units Chemistry 108/109 or 125 or the equivalent as approved by the department; Chemistry 244 and 245 or the equivalent as approved by the department; 8 or 9 units to include Chemistry 300, 350, 352, 353, 354, 362, and 2 units of additional graded 300-level courses, one of which must be taken senior year. Chemistry 198, 298, 365, and 399 do not count toward these 8 units. Mathematics 121/122 or 125; Physics 113/114. No courses required for the chemistry major may be elected on an NRO basis.

Recommendations: A reading knowledge of French, German, Russian, or Japanese, and courses in allied sciences. Students who wish to graduate with certification by the American Chemical Society should consult the department. Entering students who plan to concentrate in chemistry are advised to elect both chemistry and mathematics in the freshman year and physics in the freshman or sophomore year.

Teaching Certification: Students who wish to obtain secondary certification in Chemistry should consult both the Chemistry and Education Departments for appropriate course requirements.

Advisers: Class of 2007, Ms. Rossi; Class of 2008, Ms. Begemann; Class of 2009, Mr Tanski; Correlate Sequence, Ms. Begemann.

Correlate Sequence in Chemistry: A correlate sequence in chemistry provides students interested in careers ranging from public health to patent law an excellent complement to their major field of study. The chemistry correlate sequence is designed to combine a basic foundation in chemistry with the flexibility to choose upper-level chemistry courses relevant to the student's particular interests. Students considering careers in such areas as art conservation, public policy relating to the sciences, scientific ethics, archeochemistry, the history of science, law or public health may benefit from a course of study in chemistry. This correlate is not intended for students majoring in closely related disciplines, such as biology or biochemistry, and therefore not more than one course can be credited towards both the correlate and the student's major. The correlate consists of 6½ units distributed as follows:

Required Courses:	Units
General Chemistry with lab (Chemistry 108/109)	(2)
OR	
Chemical Principles with lab (Chemistry 125)	(1)
Organic Chemistry with lab (Chemistry 244/245)	(2)
Minimum of two classes from the following:	(2)
Chemistry 272	Biochemistry
	OR
Chemistry 255	Science of Forensics
Chemistry 323	Protein Chemistry
Chemistry 326	Inorganic Chemistry
Chemistry 342	Organic Chemistry
Chemistry 350	Physical Chemistry: Thermodynamics and Chemical Kinetics
Chemistry 352	Physical Chemistry: Molecular Structure
Chemistry 357	Chemical Physics
Chemistry 362	Instrumental Analysis
	(1½)
One half unit of laboratory work at the advanced level:	(½)
(Completion of chemistry 362 from the previous list satisfies this requirement)	
Chemistry 298	Independent Research

^a Absent on leave, first semester.

^b Absent on leave, second semester.

Chemistry 353 or 354	Physical Chemistry Laboratory
Chemistry 365	Spectrometric Identification of Organic Compounds
Chemistry 370	Advanced Laboratory

I. Introductory

108a/109b. General Chemistry (1)

This course covers fundamental aspects of general chemistry, including descriptive chemistry, chemical reactions, stoichiometry, atomic and molecular structure, states of matter, properties of solutions, thermodynamics, kinetics, equilibria, electrochemistry, and nuclear chemistry. Most of the work is quantitative in nature. The department.

Three 50-minute lectures; one 4-hour laboratory.

125a. Chemical Principles (1)

This course is designed to cover pertinent aspects of general chemistry in one semester to prepare students with a strong chemistry background for Organic Chemistry in the second semester of the year. The material covered includes chemical reactions, stoichiometry, atomic and molecular structure, and general chemical physics, emphasizing the fundamental aspects of and connections between equilibria, electrochemistry, thermodynamics, and kinetics. Mr. Tanski.

Three 50 minute lectures; one 4 hour laboratory.

198a or b. Freshmen Independent Research (½)

Students perform independent chemistry research under the direction of a faculty member of their choosing. Attendance at regularly scheduled department seminars/events is required to satisfactorily complete the course. The department.

Open only to freshmen.

II. Intermediate

244a or b. Organic Chemistry: Structure and Properties (1)

An introduction to the structure of organic molecules and to their nomenclature. Among the properties of organic compounds, shape, charge distribution, and spectroscopic properties are emphasized. Laboratory work includes isolation, physical transformations and identification of organic compounds including the application of gas chromatography and infrared and nuclear magnetic resonance spectroscopy. Mr. Smart, Mr. Tanski.

Prerequisite: Chemistry 109 or 125.

Three 50-minute lectures; one 4-hour laboratory.

245a or b. Organic Chemistry: Reactions and Mechanisms (1)

A study of the reactions of organic compounds from a mechanistic point of view. Laboratory work includes synthesis, qualitative analysis, and quantitative investigation of reaction rates and equilibria which emphasize mechanistic considerations. Ms. Kaur, Mr. Smart.

Prerequisite: Chemistry 244.

Three 50-minute lectures; one 4-hour laboratory.

255a or b. Science of Forensics (1)

Science of forensics is the application of scientific principles and methodology in the study and evaluation of evidence associated with criminal and civil cases. In this course, several science disciplines are explored as applied to forensics science. Topics include crime scene investigation, introduction to law of evidence, finger-printing analysis, analytical methods to characterize organic and inorganic compounds, forensic toxicology, principles of serology and DNA profiling, and introduction to forensic pathology, entomology and anthropology. The format of the course includes lectures, laboratory exercises, case studies, guest speakers from the forensics field, and a visit to a forensics laboratory. Ms. Kaur and instructor to be announced.

Prerequisites: Chemistry 244 or permission of the instructor.

Two 50-minute lectures and one 3.5 hour laboratory.

270. Computational Methods in the Sciences (½)
(Same as Physics 270)

272b. Biochemistry (1)
(Same as Biology 272)

297. Reading Course (½)

298. Independent Research (½ or 1)
Students perform independent chemistry research under the direction of a faculty member of their choosing. Attendance at regularly scheduled department seminars/events is required to satisfactorily complete the course. The department.

III. Advanced

300a or b. Senior Thesis (1)

323b. Protein Chemistry (1)
A detailed study of the structure and function of proteins. Structure determination, mechanisms of catalysis and regulation, and the interactions of enzymes in complex systems will be treated. Mr. Eberhardt.
Prerequisite: Chemistry 350 (may be corequisite), or 272.

324. Molecular Biology (1)
(Same as Biology 324)

326a or b. Inorganic Chemistry (1)
An introduction to structure and reactivity of inorganic, coordination, and organometallic compounds, including the following topics: chemical applications of group theory, atomic and molecular structure, theories of bonding, the solid state, coordination chemistry, inorganic reaction mechanisms, and organometallic chemistry. A laboratory portion of this class includes selected experiments which reinforce these concepts. Ms. Rossi.
Prerequisite: Chemistry 352, or permission of instructor.

[335a or b. Advanced Environmental Chemistry] (1)
Physical and chemical mechanisms for delineating the fate of pollutants are theoretically defined and applied to model environmental systems. Consideration is also given to characterizing the chemistry of natural systems. Topics covered include: thermodynamics and equilibria of complex systems; chemodynamics; photochemical reaction mechanisms, redox chemistry in natural waters; and chemical reactions in the air, soil, and water environments. Mr. Belli.
Prerequisite: Chemistry 350 or permission of instructor.

342b. Organic Chemistry (1)
Selected topics in organic chemistry such as stereochemistry, conformational analysis, carbanions, carbocations, radicals, kinetic and thermodynamic control of reactions, mechanisms, synthesis. Mr. Smart.
Prerequisites: Chemistry 245, 350, or permission of instructor.

350b. Physical Chemistry: Thermodynamics and Chemical Kinetics (1)
Equations of state for gases; the laws of thermodynamics; solutions and phase equilibria; chemical equilibrium and chemical kinetics. Mr. Donhauser.
Prerequisites: Chemistry 245; Physics 113, 114; Mathematics 121/122 or 125.

352a. Physical Chemistry: Molecular Structure (1)
Introductory wave mechanics and bonding theories; electrical and magnetic properties of molecules; spectroscopy; statistical mechanics. Ms. Begemann.
Prerequisites: Chemistry 245; Physics 113, 114; Mathematics 121/122 or 125.

353b, 354a. Physical Chemistry Laboratory (½)

Selected experiments to teach techniques and to demonstrate principles introduced in the lectures. Ms. Begemann, Mr. Donhauser.

Corequisites: Chemistry 350, 352.

One 4-hour laboratory.

[357. Chemical Physics] (1)

The course includes selected topics which are of interest to chemistry majors as well as biochemistry and physics majors. Possible topics include applications of group theory, interaction of radiation with matter, molecular spectroscopy, reaction kinetics, reaction rate theory, and statistical mechanics. The material covered in any particular semester depends on the mutual interests of the instructor and the students. Ms. Begemann.

Prerequisites: Chemistry 350 and 352 or by permission of instructor.

Not offered in 2006/07.

362b. Instrumental Analysis (1½)

An introduction to chemical analysis, this course covers the theoretical and practical aspects of spectroscopic, electrochemical, and chromatographic methods, including topics in instrumentation, statistics, and chemometrics. Mr. Belli.

Prerequisite: Chemistry 245 or permission of instructor.

Includes one 4-hour laboratory.

365a or b. Spectrometric Identification of Organic Compounds (½)

This course focuses on the use of modern analytical instrumentation to identify unknown organic compounds. Students get extensive hands-on experience using Nuclear Magnetic Resonance Spectroscopy (NMR) (^1H , ^{13}C , DEPT, COSY, HETCOR), Fourier Transform Infrared Spectroscopy (FTIR), and Gas Chromatography/Mass Spectrometry (GC/MS). Working with weekly unknowns, students learn to interpret spectra and assemble the data necessary to support both a formula and structure determination. Ms. Stout.

Prerequisite: Chemistry 245.

One 4-hour laboratory.

370a or b. Advanced Laboratory (½)

Advanced laboratory work may be elected in the field of organic, analytical, physical, inorganic, biochemistry, or environmental chemistry. The department.

Prerequisite or corequisite: a 300-level course in the pertinent field.

One 4-hour laboratory.

[382b. Special Topics in Organic Chemistry: Introduction to Polymer Chemistry] (1)

Properties and uses of selected polymers (thermally stable, conducting, and biodegradable). This course includes organic and kinetic aspects of polymerizations, characterization techniques for structure determination, thermal and mechanical properties, and measurement of molecular weight and distribution. Laboratory techniques and experiments leading to synthesis, characterization and physical properties of selected polymers (synthesized or commercially available polymers) are emphasized. Ms. Kaur.

Prerequisites: Chemistry 244/245 or permission of instructor.

Two 50-minute lectures; one 4-hour laboratory.

Not offered in 2006/07.

[384a. Structural Chemistry and Biochemistry] (1)

(Same as Biochemistry 384) In this course, principles and methods regarding the structure of molecules and macromolecules are studied with an emphasis on selected topics in chemistry and biochemistry. Ms. Rossi.

Prerequisite: 350 or permission of instructor.

Two 75-minute lectures.

Not offered in 2006/07.

399. Senior Independent Research

($\frac{1}{2}$ or 1)

Students perform independent chemistry research under the direction of a faculty member of their choosing. Attendance at regularly scheduled department seminars/events is required to satisfactorily complete the course. The department.

Open only to seniors.

Chinese and Japanese

Associate Professors: Wenwei Du (Chair), Peipei Qiu, Bryan Van Norden; **Assistant Professors:** Hiromi Tsuchiya Dollase, Haoming Liu; **Instructors:** Yuko Matsubara, Anne Parries.

Requirements for Chinese or Japanese Concentration: 13 units (12 units if the student starts language study from the intermediate level and above) chosen from the Chinese-Japanese curriculum, including Chinese-Japanese 120 and Chinese-Japanese 305-306; at least 4 units must be selected at 300 level and at least five courses must be content courses. Chinese-Japanese 350 and 351 can be counted toward the requirements of one intermediate and one advanced level content course. Courses on the approved course list can be taken to fulfill the major requirements upon departmental approval. NRO option is not allowed after the declaration of major for courses counted toward the concentration. For students seeking to double major in Chinese and Japanese, or double major in Chinese-Japanese and another discipline, no more than two units may be double counted.

Junior Year Study Away and summer courses may substitute for the required courses with department approval. The department strongly encourages students to study abroad in China or Japan and commits to providing the students with supervised study away programs.

Honors' Requirements: Same as those for the majors except for replacing an intermediate-level course with a thesis/culminating project. The thesis is normally written in both semesters of the senior year. The senior project can be done either as a one unit course in one semester, or a ½ unit course in each of two semesters.

Requirements for the Correlate Sequence in Chinese or Japanese Language: 6½ units chosen among Chinese 160/360 and Chinese or Japanese 105, 106, 205, 206, 305, 306, 350, 351, and 399; at least 5 units must be taken above the 100-level and two courses must be taken at the 300-level. Junior Year Study Away and summer courses may be substituted with department approval. 4 units must be taken at Vassar. Courses available for letter grades must be taken for letter grades.

Departmental courses are arranged in three groups: 1) courses in Chinese-Japanese literary and cultural studies (CHJA); 2) courses in Chinese language and literary/cultural studies (CHIN); 3) courses in Japanese language and literary/cultural studies (JAPA).

Chinese-Japanese

120b. Introduction to Chinese and Japanese Literature: Traditions, Genres and Methodology (1)

This course is an introduction to the literary traditions of China and Japan. It focuses on the exploration of the literary principles through the representative works in different genres, including myths, poetry, drama, and classical and vernacular narratives. Thematic comparison between the two traditions is drawn in the discussion and cinematic adaptations of chosen works and contextual materials are viewed during the course. Assignments emphasize the development of basic skills on writing about literary and cultural topics and texts. All readings and discussions are in English. Mr. Du.

Open to all students.

[250. Special Topics in Chinese and Japanese Literatures] (1)

Topics vary each year. Can be repeated for credit when a new topic is offered.

Future topics include:

- 1) Experiencing the Other: Representation of Each Other in Chinese and Western Literature Since the Eighteenth Century. Mr. Liu
- 2) Masterpieces of Classical Japanese Literature. Ms. Qiu.
- 3) Chinese Popular Culture. Mr. Du.
- 4) Introduction to Chinese Literature: Poetry and Fiction. Mr. Du.
- 5) Japanese Poetry. Ms. Qiu

Not offered in 2006/07.

290a or b. Field Work (½ or 1)
Prerequisites: 2 units of Chinese or Japanese and permission of the chair. The department.

298a or b. Independent Study (½ or 1)
Prerequisites: 2 units of Chinese or Japanese and permission of the chair. The department.

300a-301b. Senior Thesis (½, ½)
Open only to majors. The department.
Permission required.

302a or b. Senior Project (1)
Open only to majors. One unit project done in one semester. The department.
Permission required.

303a-304b. Senior Project (½, ½)
Open only to majors. One unit project done in two semesters. The department.
Permission required.

350a. Seminar in Chinese Philosophy-Comparative Methodology (1)
(Same as Philosophy 350). An exploration of some of the methodological issues raised by the prospect of one culture understanding and making judgments about another. The course considers essays on ethical and cognitive relativism, incommensurability, and the hermeneutics of suspicion and faith. Although the focus is primarily methodological, recent Western approaches to understanding Chinese philosophy provide test cases for some of the theories examined. Mr. Van Norden
Prerequisites: a 200-level course in Chinese, Japanese, Asian Studies or Philosophy.

[361. Chinese and Japanese Drama and Theatre] (1)
(Same as Drama 361) A study of Chinese and Japanese culture and society through well-known dramatic genres—*zaju*, *chuanqi*, *kunqu*, Beijing Opera, modern Spoken Drama, *noh*, *bunraku*, *kabuki*, and New Drama; a close reading of selected plays in English translation. Scheduled films of performances convey Chinese and Japanese theatrical conventions and aesthetics. Discussions focus on major themes based on research presentations. All readings and discussions are in English. Mr. Du.
Prerequisite: one 200-level language/literature/culture/drama or Asian Studies course or permission of instructor.
Not offered in 2006/07.

[362. Women in Japanese and Chinese Literature] (1)
(Same as Women's Studies 362) An intercultural examination of the images of women presented in Japanese and Chinese narrative, drama, and poetry from their early emergence to the modern period. While giving critical attention to aesthetic issues and the gendered voices in representative works, the course also provides a comparative view of the dynamic changes in women's roles in Japan and China. All selections are in English translation. Ms. Qiu.
Prerequisite: one 200-level course in language, literature, culture or Asian Studies, or permission of instructor.
Not offered in 2006/07.

[363. Seminar: Transcending the Limit: Literary Theory in the East-West Context] (1)
This course examines various traditional and contemporary literary theories with a distinct Asianist—particularly East Asianist—perspective. At least since the eighteenth century, Western theoretical discourse often took into serious consideration East Asian literature, language and civilization in their construction of “universal” theoretical discourses. The comparative approach to literary theory becomes impera-

tive in contemporary theoretical discourse as we move toward ever greater global integration. Selected texts from Hegel, Segalen, Barthes, Derrida, Todorov, and Said as well as some primary texts are among the required readings. All readings are in English. Mr. Liu.

Prerequisite: one literature course or by permission.
Not offered in 2006/07.

399a or b. Senior Independent work (½ or 1)

Prerequisite: 4 units of Chinese or Japanese or by permission of the chair. The department.

Chinese

105a-106b. Elementary Chinese (1½)

An introduction to Mandarin Chinese (*putong hua* or *guo yu*). While the approach is aural-lingual, reading and writing skills are introduced early in the program. The two semesters cover about 600 characters. Grammatical analysis, pattern drills, and conversational practices are stressed throughout. Mr. Liu, Mr. Du.

Open to all students.
Five 50-minute periods.

160a. Introduction to Classical Chinese (1)

Classical Chinese is the literary language in which almost all of Chinese literature was written prior to the twentieth century. This course introduces students to the rudiments of reading Classical Chinese, with an emphasis on early Chinese philosophical texts. No previous background in Chinese language, history, or culture is required. Among the texts to be studied are passages from the sayings of Confucius and Taoist works. Mr. Van Norden.

Open to all students.
Does not satisfy the foreign language proficiency requirement.

205a-206b. Intermediate Chinese (1½)

Further practice in conversation and learned patterns; acquisition of new grammatical structures, vocabulary, and about 800 additional characters. Emphasis on communicative skills in listening, speaking, reading and writing. Mr. Du, Mr. Liu.

Prerequisite: Chinese 105-106 or permission of instructor.
Five 50-minute periods.

[212. Chinese Film and Contemporary Fiction] (1)

An introduction to Chinese film through its adaptations of contemporary stories. Focus is on internationally well-known films by the fifth and sixth generation of directors since the late 1980s. Early Chinese films from the 1930s to the 1970s are also included in the screenings. The format of the course is to read a series of stories in English translations and to view their respective cinematic versions. The discussions concentrate on cultural and social aspects as well as on comparison of themes and viewpoints in the two genres. Mr. Du.

Prerequisite: one language/literature/culture/film or Asian Studies course, or permission of instructor.
Not offered in 2005/06.

214a. The Tumultuous Century: Twentieth Century Chinese Literature (1)

(Same as Asian Studies 214) This is a survey introduction to the literature of China from the late Qing Dynasty through the present day. Texts are arranged according to trends and schools as well as to their chronological order. Authors include Wu Jianren, Lu Xun, Zhang Ailing, Shen Congwen, Lao She and Gao Xingjian. All major genres are covered but the focus is on fiction. A few feature films are also included in association with some of the literary works and movements. No knowledge of the Chinese language, Chinese history, or culture is required for taking the course. All readings and class discussions are in English. Mr. Liu.

Prerequisite: one language/literature/culture or Asian Studies course, or permission of instructor.

[215. Masterpieces of Traditional Chinese Literature] (1)

Selected works of classical Chinese literature from a variety of periods and genres, such as the *Book of Odes* (early lyric poetry), the Tang Dynasty poems of Li Bo and Du Fu, historical narratives, including selections from the *Book of Documents* and the *Zuo Zhuan*, and the classic Chinese novels, such as *Romance of the Three Kingdoms*, *The Scholars*, and *Dream of the Red Chamber*. We shall discuss and interpret these texts from a variety of perspectives, including historical, structuralist, philosophical, feminist and “hermeneutics of suspicion.” Assignments include brief weekly essays. Mr. Van Norden.

Prerequisite: one course in any humanities discipline, or Asian Studies, or permission of instructor.

Not offered in 2006/07.

[216. Classics, Canon, and Commentary in China] (1)

Studying classic or canonical texts through commentarial traditions is a near universal form of education in pre-modern cultures. This course examines the nature, development and evolution of canons and commentaries, focusing on the immensely influential *Five Classics* and the *Four Books* of the Chinese tradition. We also read and discuss seminal Western discussions of canonicity and hermeneutics, including works by Emerson, Jaroslav Pelikan, and Alasdair MacIntyre. Mr. Van Norden.

Prerequisite: one course in any humanities discipline, or Asian Studies, or permission of instructor.

Not offered in 2006/07.

290a or b. Field Work (½ or 1)

Prerequisites: 2 units of Chinese and permission of the chair. The department.

298a or b. Independent Study (½ or 1)

Prerequisites: 2 units of Chinese and permission of the chair. The department.

300a-301b. Senior Thesis (½, ½)

Open only to majors. The department.

Permission required.

302a or b. Senior Project (1)

Open only to majors. One unit project done in one semester. The department.

Permission required.

303a-304b. Senior Project (½, ½)

Open only to majors. One unit project done in two semesters. The department.

Permission required.

305a/306b. Advanced Chinese (1)

Intensive instruction in the reading of Chinese language materials, reflecting aspects of a changing China. Emphasis is on communicative skills. Ms. Parries, Mr. Liu.

Prerequisite: Chinese 205-206 or permission of instructor

350a. Advanced Readings in Chinese: Genres and Themes (1)

This course is equivalent to a fourth-year Chinese course or beyond, and may be repeated for credit if topic changes. The course aims to further develop the advanced students' speaking, reading and writing proficiency. The course explores different genres of texts from various journalistic and literary writings. Readings are arranged according to thematic topics. Course discussions and lectures are conducted in Chinese. Ms. Parries.

Prerequisite: Chinese 306 or permission of instructor.

351b. Advanced Readings of Original Literary Works (1)

This course is equivalent to a fourth-year Chinese course or beyond, and may be repeated for credit if topic changes. This course involves close reading of a single literary work of an extensive length, shorter texts of a single author, or texts which have a common thematic interest. Emphasis is on *baihua* literature while samples of semi-*wenyan* texts are introduced. Through close reading and classroom discussion of the material, students are trained to approach authentic texts with linguistic confidence and useful methods. Ms. Parries.

Prerequisite: Chinese 306 or permission of instructor.

360a. Classical Chinese (1)

This course is for students with at least two years of modern Chinese or the equivalent. It introduces students to the rudiments of reading Classical Chinese, with an emphasis on early Chinese philosophical texts. Students in this class attend the same lectures as, and do all the assignments of students in Chinese 160, but they also attend an extra session every week, in which they work with and are tested on modern Chinese translations of the Classical Chinese texts. Mr. Van Norden.

Prerequisite: Chinese 205-206 or equivalent.

399a or b. Senior Independent work (½ or 1)

Prerequisite: 4 units of Chinese or by permission of the chair. The department.

Japanese**105a-106b. Elementary Japanese (1½)**

An introduction to modern Japanese. Students develop communicative skills based on the fundamentals of grammar, vocabulary and conversational expressions. Emphasis is placed on both oral and written proficiency. The course introduces *hiragana* and *katakana* syllabaries as well as approximately 150 *kanji* (Chinese characters). Ms. Qiu, Ms. Dollase.

Open to all classes.

Five 50-minute periods.

205a-206b. Intermediate Japanese (1½)

This course puts equal emphasis on the further development of oral-aural proficiency and reading-writing skills with an intense review of basic grammar as well as an introduction of more advanced grammar, new vocabulary, expressions, and another 350 *kanji* (Chinese characters). Ms. Dollase, Ms. Qiu.

Prerequisite: Japanese 105-106 or permission of instructor.

Five 50-minute periods.

222a. Narratives of Japan: Fiction and Film (1)

This course examines the characteristics of Japanese narratives in written and cinematic forms. Through selected novels and films that are based on the literary works or related to them thematically, the course explores the different ways in which Japanese fiction and film tell a story and how each work interacts with the time and culture that produced it. While appreciating the aesthetic pursuit of each author or film director, attention is also given to the interplay of tradition and modernity in the cinematic re-presentation of the literary masterpieces and themes. No previous knowledge of Japanese language is required. Ms. Qiu.

Prerequisite: one language/literature/culture/film or Asian Studies course, or permission of instructor.

[223. The Gothic and the Supernatural in Japanese Literature] (1)

This course introduces students to Japanese supernatural stories. We interpret the hidden psyche of the Japanese people and culture that create such bizarre tales. We see not only to what extent the supernatural creatures — demons, vampires, and mountain witches — in these stories represent the “hysteria” of Japanese commoners resulting from social and cultural oppression, but also to what extent these supernatural motifs

have been adopted and modified by writers of various literary periods. This course consists of four parts; female ghosts, master authors of ghost stories, Gothic fantasy and dark urban psyche. Ms Dollase.

Prerequisite: one language/literature/culture course or Asian Studies course, or permission of instructor.

Not offered in 2006/07.

[224. Japanese Popular Culture and Literature] (1)

This course examines Japanese popular culture as seen through popular fiction. Works by such writers as Murakami Haruki, Yoshimoto Banana, Murakami Ryu, Yamada Eimi, etc. who emerged in the late 1980's to the early 1990's, are discussed. Literary works are compared with various popular media such as film, music, *manga*, and animation to see how popular youth culture is constructed and reflects young people's views on social conditions. Theoretical readings are assigned. This course emphasizes discussion and requires research presentations. This course is conducted in English. Ms. Dollase.

Prerequisite: one language/literature/culture or Asian Studies course, or permission of instructor.

Not offered in 2006/07.

290a or b. Field Work (½ or 1)

Prerequisites: 2 units of Japanese and permission of the chair. The department.

298a or b. Independent Study (½ or 1)

Prerequisites: 2 units of Japanese and permission of the chair. The department.

300a-301b. Senior Thesis (½, ½)

Open only to majors. The department.

Permission required.

302a or b. Senior Project (1)

Open only to majors. One unit project done in one semester. The department.

Permission required.

303a-304b. Senior Project (½, ½)

Open only to majors. One unit project done in two semesters. The department.

Permission required.

305a/306b. Advanced Japanese (1)

This course is designed to develop each student's ability to read contemporary Japanese text from newspapers, magazines, and literary works, with a solid grammatical foundation and mastery of *kanji*, as well as gaining proficiency in writing at an advanced level. Continued training in aural-oral proficiency in spoken Japanese through exercises, classroom interactions and audio-visual materials. Ms. Dollase, Ms. Qui.

Prerequisite: Japanese 205-206 or permission of instructor.

350a. Advanced Readings in Japanese: Genres and Themes (1)

This course is equivalent to a fourth-year Japanese course or beyond, and may be repeated for credit if topic changes. The aim of this course is to further develop the advanced students' speaking, reading, and writing proficiency. The course explores different genres of texts ranging from contemporary Japanese media sources to literature. Readings are arranged according to thematic topics. Discussions and lectures are conducted entirely in Japanese. Ms. Matsubara.

Prerequisite: Japanese 306 or permission of instructor.

351b. Advanced Readings of Original Literary Works (1)

This course is equivalent to a fourth-year Japanese course or beyond, and may be repeated for credit if topic changes. This course involves close reading of a single literary work of an extensive length, shorter texts of a single author, or texts which have a common thematic interest. Through close reading and classroom discussion of the

material, students are trained to approach authentic texts with linguistic confidence and useful methods. Ms. Matsubara.

Prerequisite: Japanese 306 or permission of instructor.

364b. The West in Japanese Literature since the Nineteenth Century (1)

This course examines the influence of the West on Japanese literature after the nineteenth century and follows the process of the construction of modern Japanese identity. Authors may include: Natsume Sōseki, Akutagawa Ryūnosuke, Tanizaki Junichirō, Kojima Nobuo, Murakami Ryū and Yamada Amy. Translated Japanese literary works are closely read, and various theoretical readings are assigned. This course emphasizes discussion and requires research presentations. This course is conducted in English. Ms. Dollase.

Prerequisite: one 200-level course in language, literature, culture or Asian Studies, or permission of instructor.

399a or b. Senior Independent work (½ or 1)

Prerequisite: 4 units of Japanese or by permission of the chair. The department.

Summer Program in China

The summer program in Qingdao University, China is open to all Vassar students. Each session of the program lasts nine weeks from late May to late July. Based on the level of language instruction needed by participating students, the program offers, in a particular year, the following intensive elementary, intermediate, and advanced courses. For information, please consult the department.

105-106. Elementary Chinese (3)

An introduction to Mandarin Chinese (*putonghua* or *guoyu*). While the approach is aural-lingual, reading and writing skills are introduced early in the course. This 3-unit intensive course covers the content similar to that of the on-campus Chinese 105-106. Grammatical analysis, pattern drills and conversational practice are stressed throughout.

Open to all classes.

201. Special Topics (1)

When necessary, students may petition for approval to enroll in university course work or special academic internships associated with an advanced language course.

205-206. Intermediate Chinese (3)

Further practice in conversation and learned patterns; acquisition of new grammatical structures, vocabulary, and about 800 additional characters. Emphasis on communicative skills in listening, speaking, reading and writing.

Prerequisite: Chinese 105-106 or permission of instructor.

305-306. Advanced Chinese (2)

Intensified instruction in the reading of original Chinese language materials, reflecting aspects of a changing China. Emphasis is on communicative skills.

Prerequisite: Chinese 205-206 or permission of instructor.

340-341: Advanced Readings in Modern Chinese (2)

This sequence course is equivalent to fourth-year Chinese or beyond. The course aims to further develop the advanced students' speaking, reading and writing proficiency. Readings include modern and contemporary literary works, journalistic writings, and other nonliterary texts. Readings are arranged according to topics and the course may be repeated if topics are different.

Prerequisite: Chinese 306 or permission of instructor.

Summer Program in Japan

The program is open to all Vassar students. It offers eight-week intensive language instruction and opportunities of cultural immersion at Ochanomizu University in

Tokyo, starting in early June and continuing through the end of July. Different levels of Japanese language courses are offered in a particular year based on the needs of the participants. In the summer of 2006, the following courses are offered:

205-206. Intermediate Japanese (1)

This course puts equal emphasis on the further development of oral-aural proficiency and reading-writing skills with an intense review of basic grammar as well as an introduction of more advanced grammar, new vocabulary, expressions, and another 350 kanji (Chinese characters).

Approved Courses

Anthropology 240	Cultural Localities (when topics include East Asia)	(1)
Anthropology 360	Problem in Cultural Analysis (when topics include East Asia)	(1)
Art 257	The Arts of China	(1)
Art 258	The Arts of Japan	(1)
Art 259	Warriors, Deities and Tea Masters: Japanese Art of the Momoyama Period	(1)
Art 260	Mirrors of Emperors, Vehicles of Pleasure: Japanese Art of the Edo Period	(1)
Asian Studies 254	Chinese Politics and Economy	(1)
Asian Studies 280	Japan in the Age of the Samurai	(1)
Education 272	Comparative Education (when topics include East Asia)	(1)
English 170	Approaches to Literary Studies (if Chinese and Japanese 363 Seminar is not taught in a cycle of two and half years)	(1)
English 217	Literary Theory and Interpretation (if Chinese and Japanese 363 Seminar is not taught in a cycle of two and half years)	(1)
English 228	Asian-American Literature (when topics include East Asia)	(1)
English 317	Studies in Literary Theory (if Chinese and Japanese 363 Seminar is not taught in a cycle of two and half years)	(1)
Geography 236	The Making of Modern East Asia	(1)
Geography 238	China: Political-Economic Transformation	(1)
Geography 340	Advanced Regional Studies (when topics include East Asia)	(1)
History 223	Modern Chinese Revolutions	(1)
History 224	Modern Japan	(1)
History 381	Love and Death in Tokugawa Japan	(1)
Philosophy 110	Early Chinese Philosophy	(1)
Philosophy 210	Neo-Confucianism and Chinese Buddhism	(1)
Political Science 363	Decolonizing International Relations (when topics include East Asia)	(1)
Political Science 364	East Asian Security	(1)
Religion 152	Religions of Asia	(1)
Religion 232	Imagining the Dao: Daoism and Chinese Culture	(1)
Religion 233	Buddhist Traditions	(1)
Religion 235	Religions of China	(1)
Religion 250	Across Religious Boundaries: Understanding Differences (when topics include East Asia)	(1)
Religion 320	The Imagined and Material in Chinese Textuality	(1)
Religion 350	Comparative Studies in Religion (when topics include East Asia)	(1)
Sociology 306	Women's Movement in Asia	(1)

Classics

Professors: Robert D. Brown, M. Rachel Kitzinger, Robert L. Pounder; **Associate Professor:** J. Bertrand Lott (Chair); **Assistant Professors:** Rachel Friedman^a, Barbara Olsen; **Blegen Research Fellow:** TBA.

Students may major in Classical Studies, with a concentration in Greek, in Latin, or in Ancient Societies or elect a correlate sequence in Greek, in Latin, or in Ancient Societies.

Requirement for Concentration in Classical Studies: Greek: 11 units consisting of the following courses: 6 units of Greek, including two at the 300-level; Classics 102 and Classics 103; Classics 216; 1 unit of 200-level work from among Classics 212, 213, 214, 215, or Classics/College Course 101: Civilization in Question, or another relevant 200-level course from the college curriculum; Greek 305 or Greek 306-307: Senior Project.

Requirement for Concentration in Classical Studies: Latin: 11 units consisting of the following courses: 6 units of Latin, including two at the 300-level, Classics 102 and Classics 103; Classics 217; 1 unit of 200-level work from among Classics 212, 213, 214, 215, or Classics/College Course 101: Civilization in Question, or another relevant 200-level course from the college curriculum; Latin 305 or Latin 306-307: Senior Project.

Requirements for Concentration in Classical Studies : Ancient Societies: 11 units consisting of the following courses: 3 units of Greek or Latin; Classics 102 and Classics 103; Classics 216 or 217; 2 units from among 200- or 300-level Greek or Latin, or Classics 212, 213, 214, 215 or Classics/College Course 101: Civilization in Question, or another relevant course from the college curriculum; two 300-level courses, including 301 and/or 302 and another relevant 300-level course from the college curriculum; Classics 305 or Classics 306-307: Senior Project.

Requirements for Correlate Sequences in Greek or Latin: 6 units, to include 5 units of either Greek or Latin, of which at least one must be at the 300-level; 1 unit chosen from the Vassar curriculum in consultation with a departmental adviser. In addition to courses offered by the Department of Classics, possible choices include Art 210, 211, 310, Drama 221, Philosophy 101 and 320.

Requirements for Correlate Sequence in Ancient Societies: 6 units, to include one year of either Greek or Latin; one of either Classics 102 or Classics 103; either Classics 216 or 217; two other units from courses taught in translation above the 100-level, one of which must be a 300-level course.

Those interested in completing a correlate sequence should consult as soon as possible with a member of the department to plan their course of studies.

Any course offered by the Department of Classics may be elected (by non-majors only) under the NRO. Courses elected under the NRO before the declaration of the major will be counted toward the major.

Recommendations: For graduate study, command of both classical languages is essential; a reading knowledge of French and German is also desirable.

Advisers: The department.

Courses in Classical Civilization

I. Introductory

[101a. Civilization in Question] (1)
(Same as College Course 101)

Not offered in 2006/07.

102b. Reading Antiquity (1)

From the great epics of Homer and Vergil to the intimate lyrics of Sappho and Catullus, the literature of Greece and Rome presents a vast array of forms, subject matter, and styles that played a formative role in the western literary tradition and continue to challenge the imagination. This course tackles the question of how to read classical literature, with an understanding of the cultural conditions and assumptions

^a Absent on leave, first semester.

that went into its making. The topics focus on issues where a twenty-first century perspective may make it difficult for a reader to understand an ancient text. These include the roles of orality, literacy, tradition, and innovation in the composition of ancient literature; polytheism and the relationship of cult, ritual, and myth; ancient concepts of the community and its social constituents; the poet's persona and the literary construction of individuality. Readings in English translation are selected from a representative variety of Greek and Roman texts by such authors as Homer, Hesiod, Sappho, Euripides, Catullus, Vergil, Livy, and Ovid. Ms. Friedman.

103a. Crosscurrents: History and Culture of the Ancient Mediterranean (1)

The axiom of Ancient History that navigable water enables communication is nowhere so true as with the Mediterranean Sea, around which there grew up in antiquity the cultures of, e.g., Egypt, Greece, Rome, Asia Minor, Syria, and North Africa. This course provides an introduction to the ancient Mediterranean from the earliest cultures of Mesopotamia and Egypt (c.3000 BCE) to the beginnings of the Christian Middle Ages. Topics such as trade, migration, immigration, conquest, and imperialism are used to illustrate both historical developments and complex cultural interactions. Through primary and secondary readings, students are asked to consider questions like: How do cultures 'interact'? What does it mean for one culture to 'borrow' from another? What 'belongs' to a culture? How do cultures conceive of their debts to, and interactions with, other cultures? Mr. Lott.

181a. The Trojan War (1)

The Trojan cycle with its myths of Helen, Achilles, Agamemnon, Odysseus, Paris, and Hektor occupies the central position in Greek mythology. Immortalized in Homeric epic, dramatic and lyric poetry, and throughout Greek art, these myths reveal much about how the ancient Greeks understood their own antiquity. By studying the literary and archaeological evidence pertaining to the Trojan war, students discover what the legends and heroes of antiquity reveal to us about how the ancient Greeks understood their world and their place in it. Ms. Olsen.

Open only to Freshmen.

II. Intermediate

[210a. Greek Art and Architecture] (1)

(Same as Art 210)

Not offered in 2006/07.

211b. Roman Art and Architecture (1)

(Same as Art 211)

214a. Male and Female in Greek and Roman Literature and Myth (1)

This course explores the way male and female roles are defined and viewed in ancient literature in both the private sphere of the family and in the public sphere. In addition to discussing literary texts where gender roles are central to the content, we put the definitions and points of view expressed in these texts next to the evidence for the actual conditions of daily life, as far as they can be reconstructed, and next to the constructions of gender which emerge in myths about divine figures. We read literary texts from a number of genres: examples of texts we read are parts of the *Odyssey*, poems of Sappho and Alcaeus, Aeschylus' *Oresteia* and Euripides' *Hippolytus*, comedies of Aristophanes, poems of Catullus, Propertius and Tibullus, plays of Plautus and Terence, and Ovid's *Art of Love* and love poems. In addition, we look at speeches from law courts and archaeological remains as evidence for daily life and the Homeric Hymns and Ovid's *Metamorphoses* for the comparative evidence of divine models. Ms. Kitzinger.

Prerequisite: Classics 101, 102, or 103, or special permission.

216a. History of the Ancient Greeks (1)

(Same as History 216) This course examines the history and culture of the ancient Greeks from the emergence of the city-state in the eighth century BCE to the conquests of Alexander the Great in 335 BCE. In addition to an outline of the political and social history of the Greeks, the course examines several historical, cultural, and methodological topics in depth, including the emergence of writing, Greek colonialism and imperialism, ancient democracy, polytheism, the social structures of Athenian society, and the relationship between Greeks and other Mediterranean cultures. Students both read primary sources (for example, Sappho, Tyrtaos, Herodotus, Thucydides, Aristophanes, and Plato) and examine sites and artifacts recovered through archaeology; the development of students' critical abilities to evaluate and use these sources for the study of history is a primary goal of the class. Mr. Lott.

Prerequisite: Classics 101, 102, or 103, or 1 unit in History or special permission.

[217b. History of the Ancient Romans] (1)

(Same as History 217) This course examines the history of the ancient Romans from the foundation of their city around the eighth century BCE to the collapse of their Mediterranean Empire in the fifth century CE. The course offers a broad historical outline of Roman history, but focuses on significant topics and moments in Roman history, including the Republican aristocracy, the civil and slave wars of the Late Republic, the foundation of the Empire by Caesar Augustus, urbanism, the place of public entertainments (gladiatorial combats, Roman hunts, chariot races, and theater) in society, the rise of Christianity, the processes of Romanization, and barbarization, and the political decline and fall of the Roman Empire. Students read primary sources such as Plautus, Cicero, Livy, Tacitus, and Suetonius, and secondary accounts dealing with important issues such as slavery, religious persecution and multiculturalism. Students also examine important archaeological sites and artifacts. The development of students' critical abilities to evaluate and use these sources for the study of history is a primary goal of the class. Mr. Lott.

Prerequisite: Classics 101, 102, or 103, or 1 unit in History or special permission.

Not offered in 2006/07.

280b. Oedipus at Colonus in Performance (1)

(Same as Drama 280b.) Through a collaboration between students and faculty in the Classics and Drama departments, this course works towards a production, in English, of the Oedipus at Colonus. Using a new translation by Eamon Grennan and Rachel Kitzinger, we explore the process of turning the written text into a staged event, both through the study of ancient performance conventions and experimentation with contemporary methods. The goal of the course is a production of the play using masks, dance, music, and actors which emerges from the collaboration of different practitioners. Students of Greek read the play in Greek. Admission is by special permission. Ms. Kitzinger, Mr. Worden.

298a or b. Independent work (½ or 1)**III. Advanced**

Classics 301 and 302 are offered every year. Since their topics change annually, they may be taken for credit more than once. The prerequisite for each course is one unit of Classics, Greek, or Latin at the 200-level, or, with special permission, work appropriate to the topic at the 200-level in other disciplines.

301b. Seminar in Classical Civilization (1)

The study of Greek and Latin was an essential part of British education until the twentieth century, so that most English authors were exposed in their formative years to great works of ancient literature, including the works of Homer, Vergil, Ovid, and Horace. These classical works provided models for imitation and a common frame of

reference equaled only by the Bible in the depth of its influence on English literature. In this course we explore the reception of ancient literature in English poetry from Chaucer to the modern day through discussion of texts selected for their variety and importance. These include Chaucer's *The Wife of Bath's Prologue*, Spencer's *Fairie Queene*, Milton's *Lycidas* and *Paradise Lost*, Johnson's *Vanity of Human Wishes*, Pope's *Rape of the Lock*, and Walcott's *Omeros* together with shorter poems by Shakespeare, Herrick, Swift, Leapor, Coleridge, Yeats, Heaney, and others. Mr. Brown, Mr. DeMaria.

302a. The Blegen Seminar (1)

The course is offered by the Blegen Distinguished Visiting Research Professor or the Blegen Research Fellow in Classics, appointed annually to pursue research and lecture on his/her scholarly concerns in classical antiquity. We encourage students to take note of the fact that each Blegen Seminar is uniquely offered and will not be repeated. Since the topic changes every year, the course may be taken for credit more than once.

Topic for 2006/07: *To be announced.*

305a or b. Senior Project (1)

306a-307b. Senior Project (½, ½)

310b. Seminar in Ancient Art (1)
(Same as Art 310)

399. Senior Independent Work (1)

Courses in Greek Language and Literature

I. Introductory

105a-106b. Elementary Greek (1)

Introduction to the language. Readings in the New Testament and Plato.

Open to all classes; four 50-minute periods. Ms. Kitzinger.

II. Intermediate

215a. Fifth- and Fourth-Century Literature (1)

Authors may include Sophokles, Euripides, Xenophon, Lysias, and Plato. In addition to consolidating knowledge of grammar, the selection of passages brings into focus important aspects of Athenian culture. Ms. Olsen.

Prerequisite: Greek 105-106 or by permission of the instructor.

230b. Archaic Literature (1)

Authors may include Homer and Homeric Hymns, Hesiod, lyric poets, and Herodotus, as the first prose writer. Selections allow discussion of the interrelationship of poetic form in this period and the growth of prose out of oral poetry. Social, religious, and political issues surrounding the texts are discussed. Mr. Pounder.

Prerequisite: Greek 215 or by permission of instructor.

298a or b. Independent Work (½ or 1)

III. Advanced

Greek 301 is offered every year, 302 and 303 in alternation; the topic of 301 changes annually. Prerequisite for all advanced courses: 2 units in 200 level courses in the language or by permission of instructor.

301b. Topics in Greek Literature (1)

This course involves close reading of texts from a single genre or author or texts which have a common thematic interest. Study of the texts and of secondary material allows us to explore various features of ancient society; for example, the course might take as its topic a genre such as Greek history or comedy, the oeuvre of a single author such

as Pindar or Plato, or a theme such as the depiction of foreigners, the Greek sophists, or the tradition of the funeral oration. Since the topic changes every year, the course may be taken for credit more than once.

Topic for 2006/07: *Traveling Wise Men*. According to Herodotus, when Solon the Athenian arrives at the palace of Croesus in Sardis, Croesus greets him by saying how much he has heard of Solon's wisdom and his wandering. The link that Croesus makes here between traveling and wisdom can be felt throughout Greek literature where there seems to be some essential connection between leaving the world that is familiar to you and the attainment of knowledge. In this course we consider the figure of the traveling wise man, real and imagined, as he appears in various sources and periods. Among the figures we consider are Odysseus, Solon, Anacharsis, Hecateus, and Herodotus. Readings from the Greek sources are supplemented with readings from contemporary postcolonial theory that pay attention to the condition of exile and the many ways in which the modern intellectual is represented as fundamentally displaced. Ms. Friedman.

302a. Greek Tragedy (1)

A reading of a play by Sophokles or Euripides. Careful study of the text helps us to understand the playwright's style. We also consider how the play examines and responds to the historical, social and political conditions of Athens in the fifth century BCE. Ms. Kitzinger.

[303a. Homer] (1)

Extensive selections from the *Iliad*, the *Odyssey*, and/or *Homeric Hymns* with attention given to oral theory, thematic structure, and social issues raised by the poems. Ms. Friedman.

Not offered in 2006/07.

305a or b. Senior Project (1)

306a-307b. Senior Project (½, ½)

399a or b. Senior Independent Work (½ or 1)

Courses in Latin Language and Literature

I. Introductory

105a-106b. Elementary Latin (1)

Introduction to the language. Readings in classical prose and poetry. Mr. Pounder.

Open to all classes; four 50-minute periods.

II. Intermediate

215a. Republican Literature (1)

Selected readings from authors such as Plautus, Cicero, Catullus, Caesar, Sallust, and Vergil. The selection of readings is designed to consolidate knowledge of grammar, provide an introduction to the translation of continuous, unadapted Latin, and highlight interesting features of Roman culture in the last two centuries of the Republic. Successful completion of the course qualifies students for Latin 220. Mr. Olsen.

220b. Literature of the Empire (1)

Authors may include Horace, Livy, Ovid, Seneca, Petronius, Suetonius, and Vergil. Readings are selected to illustrate the diversity of literary forms that flourished in the early Empire and the interaction of literature with society, politics, and private life. Mr. Lott.

298a or b. Independent Work

(½ or 1)

III. Advanced

Latin 301 and 305a-306b are offered every year, Latin 302-304 in rotation; the topic of Latin 301 changes annually. Prerequisite for all advanced courses: 2 units in 200-level courses in the language or special permission.

301b. Topics in Latin Literature

(1)

The course involves close reading of texts from a single genre or author or texts which have a common thematic interest. Study of the texts and of secondary material allows us to explore various features of ancient society. For example, the course might take as its topic a genre such as Roman satire or the Roman novel, the relationship between the diverse works of a single author like Horace or Seneca, or a theme such as the depiction of slaves, the revolution of love poetry, or Roman attitudes toward death. Since the topic changes every year, the course may be taken for credit more than once.

Topic for 2006/07: *Juvenal*. The Silver Age poet Juvenal was par excellence a satirist of Rome: its classes, its politics, the vices of its populace, and the chaos of the city itself. This seminar features close readings of Juvenal's satires with attention to the forms of Roman satire, political commentary, and the view they provide of Roman social life in the early second century CE. Ms. Olsen.

[302a. Vergil]

(1)

Selections from the *Eclogues*, *Georgics*, or *Aeneid* of Rome's greatest poet. Subjects of study include the artistry of the Vergilian hexameter, the relationship of Vergil's works to their Greek models, and general topics such as his conception of destiny, religion, and the human relation to nature. Ms. Olsen.

Not offered in 2006/07.

[303a. Tacitus]

(1)

Close readings from the works of the imperial historian and ethnographer Tacitus. In connection with further developing students' reading skills, the class focuses on particular literary, cultural, or historical issues. Ms. Olsen.

Not offered in 2006/07.

304a. Roman Lyric and Elegy

(1)

Poems of Horace, Tibullus, Propertius, Catullus and Ovid with attention given to poetic form, the influence of poets on each other, and the view they give us of Roman society in the first century BCE. Mr. Brown.

305a or b. Senior Project

(1)

306a-307b. Senior Project

(½, ½)

399a or b. Senior Independent Work

(½ or 1)

Cognitive Science

Director: Gwen J. Broude (Psychology); **Steering Committee:** Janet K. Andrews (Psychology), Carol Christensen (Psychology), Jennifer Church (Philosophy), Luke Hunsberger (Computer Science), Kenneth Livingston (Psychology), John Long (Biology), Carolyn Palmer (Psychology), Thomas Porcello (Anthropology); **Participating Faculty:** James Challey (Physics), Mark Cleaveland (Psychology), Randolph Cornelius (Psychology), Thomas Ellman (Computer Science), Sean Flynn (Economics), Kevin Holloway (Psychology), Michael Joyce (English), Paul Mosley (Dance), Michael Pisani (Music).

We human beings take it for granted that we are possessed of minds. You know that you have a mind and you assume that other people do too. But what, exactly, are we referring to when we talk about the mind? Is a mind just a brain? What endows your mind with the property of being conscious? How does your mind allow you to extract music from sound waves, or relish the taste of chocolate, or daydream, or feel happy and sad, or reach for my cup when you want a sip of coffee? Are minds directly aware of the world out there? Or, when you think that you are perceiving reality, are you just consulting some representation of the world that your mind has built? How similar is your mind to the minds of other people? Do you have to be a human being to have a mind? Could other entities have minds so long as they were built the right way? Does your computer have a mind? These are the kinds of question that are of interest to cognitive scientists.

These are the kinds of questions that cognitive scientists want to address. Cognitive Science is a broadly multidisciplinary field in which philosophers, psychologists, anthropologists, linguists, neuroscientists, biologists, mathematicians, and computer scientists, among others, combine their respective theories, technologies, and methodologies in the service of a unified exploration of mind. The hallmark of the field is a genuinely multidisciplinary outlook in which the perspectives and methods of all of the component disciplines are simultaneously brought to bear upon a particular question. In 1982, Vassar College became the first institution in the world to grant an undergraduate degree in Cognitive Science.

The key elements of the Cognitive Science major are (1) a sustained, broad, in-depth exploration of mental phenomena via the multidisciplinary strategy of the field, (2) application of the Cognitive Science strategy to a specific domain of interest to the student, and (3) completion during the senior year of an independent research project on a topic chosen by the student.

The first of these goals is met by completion of the Core Courses. All majors are required to complete all of these courses:

Cognitive Science 100	Introduction to Cognitive Science	(1)
Cognitive Science 211	Perception and Action	(1)
Cognitive Science 213	Language	(1)
Cognitive Science 215	Knowledge and Cognition	(1)
Psychology 200	Statistics and Experimental Design	(1)
Cognitive Science 219	Research Methods in Cognitive Science	(1)
Cognitive Science 311	Seminar in Cognitive Science	(1)

The second goal of the major is met by choosing one of the paths listed below and electing four elective courses from the chosen path. Courses under each path are listed on the Cognitive Science Website and are also available in the Cognitive Science office New England 202, and by request from any faculty member of the Program. The following stipulations apply to path electives: (1) The choice of path and electives within the path are to be made in consultation with the adviser at the time of declaration of the major. (2) At least one of the four electives must be a 300-level seminar. This can include a second Cognitive Science seminar if it is relevant to the path. (3) No more than one of the electives can be a 100-level course. The exception is the Computer Science 101-102 sequence. A student who takes this sequence can have both courses count toward the major. A student may petition his or her advisor

to develop a customized path and will be allowed to do so under the direction of the advisor if the rationale is deemed justified. Independent work in Cognitive Science, for instance the annual Robot Competition, can count toward the major with the approval of the Program. Please consult the Cognitive Science website for the full listing of courses under each path.

Cognitive Science Electives Paths

Cognition and Culture
Cognition and Language
Cognition and the Arts
Cognitive Development and Education
Embodied Agents
Evolved Minds
Formal Analysis of Mind
Mind and Brain
Rationality, Value, and Decision-making

The final goal of the major is met by completing a thesis in the senior year. The topic of the thesis is chosen by the student in consultation with one or more members of the program faculty. All majors must sign up for the thesis in the senior year. Students are strongly encouraged to sign up for Cognitive Science 300-301 for $\frac{1}{2}$ credit in the a-semester and $\frac{1}{2}$ credit in the b-semester, for a total of 1 unit of credit. In cases where this is not possible it is acceptable to sign up for Cognitive Science 302 for a full unit in either the a- or the b-term. Students should consult their adviser before electing the latter option.

After declaration of the major, all courses within the major must be taken for letter grades. Students may elect a graded or ungraded option for theses, but may not change the election once made.

100a and b. Introduction to Cognitive Science (1)

This course serves as an introduction to the multidisciplinary field of cognitive science. The course provides the historical context of the emergence of cognitive science, tracing developments in modern philosophy and linguistics, and the rise of cognitivism and neuroscience in psychology and of artificial intelligence in computer science. The basic substantive issues of cognitive science discussed include the mind-body problem, thought as computation and the computer model of mind, the role of representation in mental activity, and the explanation of mental activity via categories such as language, memory, perception, reasoning, and consciousness. The discussions of these issues illustrate the distinctive methodology of cognitive science, which integrates elements of the methodological approaches of several disciplines. The program faculty.

180a. The Science and Fiction of Mind (1)

(Same as Psychology 180a)

Open only to freshmen; satisfies college requirement for a Freshman Course.

211a. Perception and Action (1)

(Same as Psychology 211) This course is about how systems for perceiving the world come to be coordinated with systems for acting in that world. Topics include how physical energies become perceptual experiences, systems for producing complex actions, and how it is that actions are brought under the control of perceptions. Relevant evidence is drawn from behavioral and neuroscientific studies of other species and from human infants and children, as well as from human adults. Computer models of these processes and the problem of replicating them in robots are considered. Classes include regular laboratory work.

Prerequisite: Cognitive Science 100.

213a. Language (1)

(Same as Psychology 213) This course considers the rich and complex phenomenon of human language from a multidisciplinary perspective. The emphasis is on the cognitive representations and processes that enable individual language users to acquire, perceive, comprehend, produce, read, and write language. Consideration is given to the relation of language to thought and consciousness; to neural substrates of language and the effects of brain damage on language ability; to computational models of language; and to language development. Throughout, language is examined at different levels of analysis, including sound, structure, and meaning.

Prerequisite: Cognitive Science 100.

215b. Knowledge and Cognition (1)

(Same as Psychology 215) This course asks how knowledge and cognition contribute to the functioning of biological and synthetic cognitive agents. Along the way it inquires into the origins and nature of knowledge, memory, concepts, goals, and problem-solving strategies. Relevant philosophical issues are examined along with research on the brain, experimental evidence from cognitive psychology, computer models, and evolutionary explanations of mind and behavior. A major goal of the course is to explore how cognitive scientists are coming to understand knowledge and cognition within an embodied agent embedded in a real world. The program faculty.

Prerequisite: Cognitive Science 100.

219b. Research Methods in Cognitive Science (1)

(Same as Psychology 219b) In this course, students learn to apply the principal methodologies of cognitive science to a specific problem in the field, such as sentence processing or visual form perception. The methods are drawn from human neurophysiology, experimental cognitive psychology, computer modelling, linguistic and logical analysis, and other appropriate investigative tools, depending on the specific issue chosen for study. A major goal of the course is to give students hands-on experience with the use and coordination of research techniques and strategies characteristic of contemporary cognitive science. The program faculty.

Prerequisites: Psychology 200, and either Cognitive Science 211, 213, 215, or Psychology 241.

290a and b. Field Work (½ or 1)**298a and b. Independent Work (½ or 1)****300-301. Senior Thesis (1)**

A thesis written in two semesters for 1 unit.

302a. and b. Senior Thesis (1)

A thesis written in one semester for 1 unit.

311b. Seminar in Cognitive Science (1)

The topic of the seminar varies regularly, but is always focused on some aspect of thought, language, perception, or action considered from the unique, synthetic perspective of cognitive science. The seminar is team-taught by faculty members in the program. May be repeated for credit if the topic has changed.

Prerequisite: One intermediate level cognitive science course and permission of the instructors.

One 3-hour period.

399a and b. Senior Independent Work (½ or 1)

College Course

The College Course deals with important questions about human nature and culture, and our relation to the natural world, to technology, and to our own work.

In a College Course, students explore significant books, works of art, and other expressions of the human spirit, past and present, Western and non-Western. Because a College Course is interdisciplinary and integrative, it exposes students to different instructors, disciplinary approaches, and major research techniques in order to illuminate a text, a human dilemma, or a major institution from many directions. Students thus enrich their comprehension of the topic, and enhance their ability to think from multiple perspectives. They also develop an awareness of the connections among bodies of knowledge by crossing the borders that separate disciplines, and by examining relations among diverse works and across cultures and centuries.

Because of the foundational concerns of the College Course, students gain a framework of knowledge and questions that can help orient and integrate their other studies at Vassar. Freshmen may find these courses especially valuable because they introduce a variety of disciplines and provide the broad historical and cultural perspectives for later, more specialized courses. Sophomores and juniors may wish to take a College Course involving their major field in order to discover how it relates to other disciplines. Seniors may find the courses useful as a way of integrating their coursework and reflecting on critical issues.

[101a. Civilization in Question]

(1)

This course undertakes to question civilization in various ways. First, by looking at texts from ancient, medieval, and renaissance cultures, as well as texts and films from our own, it introduces students to major works of the Western tradition and asks how they bring under scrutiny their own tradition. In particular we examine how identity is constructed in these texts and how political and social roles limit and strengthen people's sense of who they are. Second, because the course is team-taught by faculty from different disciplines, we explore the ways a text is interpreted and how different meanings are found in it because of the different perspectives brought to the class by its faculty. Finally, we reflect on the role questioning plays in the process of a liberal arts education and the different kinds of attitudes and intellectual outlooks we learn to bring to the study of any text, which impels us to consider the ways we allow the past to inform and question the present and the present to inform and question our understanding of the past. Readings for the course include: Homer's *Odyssey*, Hesiod's *Theogony*, Plato's *Symposium*, *Genesis*, *Exodus*, Virgil's *Aeneid*, Augustine's *Confessions*, and Nietzsche's *Genealogy of Morals*. Ms. Friedman (Classics), Mr. Miller (Philosophy).

Open to all classes.

Two 75-minute lecture periods and one 50-minute discussion section.

Not offered in 2006/07.

110b. Process, Prose, and Pedagogy

(1)

This course introduces the theoretical and practical underpinnings of writing and teaching writing. Students read texts by writers, educators, philosophers, and psychologists in order to gain a better understanding of the nexus of writing, learning, and teaching. Students explore themes such as the place of writing in the academy; teaching methodologies; learning differences; and racial diversity. Articles and books by Paulo Freire *Pedagogy of the Oppressed*, Stanley Fish *Is there a Text in this Class?* and Gerald Graff *Clueless in Academia* are included, as well as various handbooks on peer tutoring, teaching, and mentoring. Students who successfully complete this class are eligible for employment as Writing Interns in the Writing Center. Ms. Friedman (English; Director, Writing Center).

By special permission.

Prerequisite: Freshman course.

Two 75-minute periods.

[301a. History, Memory, and Legacies of the Holocaust] (1)

After WWII the Holocaust emerged as a universal evil that holds lessons beyond the boundaries of Western civilization. While scholars have been relying on different theoretical models to understand the Holocaust, reflection on this unprecedented genocide itself has shifted theoretical discussion in many disciplines. This course looks at the legacies of the Holocaust from a variety of different disciplines by discussing texts, films, and memorials with German students at the University of Potsdam. The exchange takes place at two different levels in the course of the semester: together with their German partners, students discuss readings and work on research projects in the MOO, our online learning environment at Vassar; and in a second phase, Vassar students travel to Berlin and German students to New York to complete on-site research for their projects. Ms. Höhn, Ms. von der Emde, Ms. Zeifman.

By special permission.

One 3-hour period.

Not offered in 2006/07.

372b. The Thousand and One Nights (1)

(Same as Media Studies 372) "This story has everything a tale should have," A. S. Byatt has written. "Sex, death, treachery, vengeance, magic, humor, warmth, wit, surprise, and a happy ending. Though it appears to be a story against women, it actually marks the creation of one of the strongest and cleverest heroines in world literature." That heroine is Scheherazade, who for a thousand and one nights told death-defying tales that led to tales that are still being told. This course investigates literary, political, cultural, and historical explanations for the tales' undiminished imaginative power. In addition to Husain Haddawy's 1990 English translation, which attempts to rid *The Nights* of Orientalist bias and frippery, we read elaboration, analysis, and homage by Shakespeare, Beckford, Coleridge, De Quincey, Dulac, Wordsworth, Poe, Proust, Said, Mahfouz, Rushdie, El-Amir, Barth, Borges, Calvino, Malti-Douglas, Gaiman, Byatt, and Millhauser. We listen to music by Rimsky-Korsakov and Ravel and watch Fokine's ballet, films by Méliès and Pasolini, and Hollywood animations that feature stars ranging from Mr. Magoo to Catherine Zeta Jones and Brad Pitt. We also play Scheherazade's video game and poke around in cyberspace dedicated to her legendary feats. Ms. Mark (English).

Prerequisite: one 100-level course and one 200-level course in English.

One 3-hour period.

Computer Science

Professor: Nancy Ide^a; **Associate Professor:** Thomas Ellman; **Assistant Professors:** Luke Hunsberger, Jennifer Walter; **Visiting Associate Professor:** Louis Voerman.

Requirements for Concentration: Computer Science 101, 102, 203, 224, 240, 241, 245, 331, 334, plus any two other 300-level Computer Science courses, and Mathematics 221 and 263. No course numbered 200 or higher may be elected NRO and counted toward the requirements for concentration.

Recommendations: Prospective majors are strongly advised to complete Computer Science 101 and 102 by the end of the freshman year. Students who intend to pursue graduate studies in computer science are strongly urged to take Computer Science 342.

Advanced Placement: Students eligible for Advanced Placement may be able to bypass Computer Science 101. Please consult with the department.

Independent Research: The computer science department strongly encourages students to engage in independent research with faculty, and offers ungraded courses Computer Science 298 and 399 for this purpose. The department also offers Computer Science 300-301, a graded research experience for senior majors. Computer Science 300-301 may not be substituted for 300-level elective courses satisfying the requirements for the major. Satisfactory completion of Computer Science 300-301 is required for departmental honors.

Non-Majors: Students majoring in the sciences are advised to complete Computer Science 101 and 102, or to complete a correlate sequence in Computer Science.

Correlate Sequence in Computer Science: Students majoring in other programs may complement their study by electing a correlate sequence in Computer Science. Selection of the appropriate option should be made in consultation with the Computer Science faculty to ensure exposure to the areas of Computer Science most useful to the field of concentration.

Requirements for the Correlate: Computer Science 101, 102 and 203; any two of 224, 240, 241 and 245 (at least one of which must be either 240 or 241), plus any 300-level Computer Science course. No course numbered 200 or higher may be elected NRO and counted toward the requirements for the correlate. Suggested correlate sequences include the following, in addition to Computer Science 101, 102 and 203:

- Architecture: 224, 241 and (324 or 325).
- Software Systems: 224, 241, and (334 or 335).
- Programming Languages: 224, 240, and 331.
- Artificial Intelligence: 240, 245 and 365.
- Graphics: 241, (224, 240 or 245) and 378.
- Theory: 240, 241 and 342.

I. Introductory

101a or b. Computer Science I: Problem-Solving and Abstraction (1)

Introduces the design and implementation of algorithms to solve computational problems, using an object-oriented programming language. Topics include procedural abstraction, expression evaluation, flow of control constructs and recursion; data abstraction, classes, inheritance and interfaces; elementary data structures (e.g., arrays, strings, vectors, lists, stacks, queues); input/output and event-driven programming. The course emphasizes principles of program design and data organization. A weekly laboratory period provides guided hands-on experience. The department.

Open to all classes.

102a or b. Computer Science II: Data Structures and Algorithms (1)

Development of data structures and algorithms in an object-oriented programming language. Topics include hierarchic program refinement, preconditions, postconditions and invariants; data encapsulation and fundamental data structures (e.g., priority-queues, sets, maps, heaps, search trees, hash tables and graphs); fundamental algorithms (e.g.,

^a Absent on leave, first semester.

searching and sorting) and analysis of algorithm complexity. A weekly laboratory period provides guided hands-on experience. The department.

Open to all classes.

Prerequisite: Computer Science 101.

II. Intermediate

203a or b. Computer Science III: Software Design and Implementation (1)

Develops techniques for design and implementation of complex software systems. Topics include object-oriented modeling, design patterns, component libraries, multiple inheritance, parametric polymorphism, generic algorithms, containers, iterators, function objects and storage management. Development of a software system of significant complexity is required. A weekly laboratory period provides guided hands-on experience.

Prerequisite: Computer Science 102.

224a or b. Computer Organization (1)

Examines the hierarchical structure of computing systems, from digital logic and microprogramming through machine and assembly languages. Topics include the structure and workings of the central processor, instruction execution, memory and register organization, addressing schemes, input and output channels, and control sequencing. The course includes a weekly hardware/software laboratory where digital logic is explored and assembly language programming projects are implemented. Mr. Voerman.

Prerequisite: Computer Science 102.

240a. Language Theory and Computation (1)

Study of regular sets, context free grammars and languages, finite and push-down automata, as well as more powerful models of computation, such as Turing machines. Provides theoretical foundations for Computer Science 331, Compiler Design. Ms. Ide.

Prerequisites: Computer Science 203, and Mathematics 263.

241b. Algorithmics (1)

Introduces the systematic study of algorithms and their analysis with regard to time and space complexity. Topics include divide-and-conquer, dynamic programming, greediness, randomization, upper and lowerbound analysis, and introduction to NP completeness. Emphasis is placed on general design and analysis techniques that underlie algorithmic paradigms. Builds a foundation for advanced work in computer science. Ms. Walter.

Prerequisites: Computer Science 203, and Mathematics 263.

245b. Declarative Programming Models (1)

Declarative programming languages are important alternatives to the imperative languages used in most software systems. This course covers two kinds of declarative programming: functional programming and logic programming. Topics include the operational and denotational semantics of declarative languages, techniques for programming in declarative languages, and the use of mathematical logic as a tool for reasoning about programs.

Prerequisites: Computer Science 102 and Mathematics 263.

290a or b. Field Work (½ or 1)

295a or b. Special Topics (½ or 1)

Intermediate-level treatment of specialized topics in computer science,

Prerequisite: permission of instructor.

298a or b. Independent Work (½ or 1)

Prerequisite: permission of instructor.

III. Advanced

300a-301b. Senior Research and Thesis (1/2, 1/2)

Investigation and critical analysis of a topic in experimental or theoretical computer science. Experimental research may include building or experimentation with a non-trivial hardware or software system. A student electing this course must first gain, by submission of a written research proposal, the support of at least one member of the computer science faculty with whom to work out details of a research strategy. The formal research proposal, a written thesis, and oral presentation of results are required for the course. A second faculty member participates in both the planning of the research and final evaluation. The department.

Prerequisites: Minimum 3.5 GPA in 200 and 300-level Computer Science coursework at the end of the junior year, and permission of the Department.

324b. Computer Architecture (1)

An exploration of current research areas in computer organization including an examination of data-flow, microcode, cache memory, distributed, parallel, and other nonstandard architectures, and related topics. Mr. Voerman.

Prerequisite: Computer Science 224.

Alternate years: offered in 2006/07.

[325b. Microcomputers and Digital Electronics] (1)

Advanced seminar in the architecture and implementation of microprocessors. Topics include digital logic, memory and processor interfaces, interrupt handling, and serial I/O methods. Differences among logic implementations such as TTL, CMOS, and ECL are considered. Students participate in the design and implementation of a microcomputer. Mr. Voerman.

Prerequisite: Computer Science 224.

Alternate years: not offered in 2006/07.

331b. Compilers (1)

Studies the theory of automata for language recognition as well as the implementation of actual compilers for programming languages. During the semester students develop modules comprising the front-end of a compiler for a high-level computer. Ms. Ide.

Prerequisite: Computer Science 224, 240, 245, or permission of instructor.

334a. Operating Systems (1)

Deals with the theory and implementation of the software that governs the management of system resources. Topics that are covered include file organization, process scheduling, system services, memory management, security methods, resource contention, and design principles. Operating systems for parallel and distributed processing, real-time processing, virtual machines, and networking are also considered. Mr. Voerman.

Prerequisites: Computer Science 203, 224.

[335a. Software Development Methodology] (1)

Presents a systematic methodology for developing large software systems, focusing on the specification, modeling and design phases of the software development process. Topics include class hierarchies, aggregation, class relationships, and use-case analysis, among others. The course also touches on relevant notions of software architecture and middleware. Concepts are reinforced in group projects.

Prerequisites: Computer Science 203.

Not offered in 2006/07.

[342b. Topics in Theoretical Computer Science] (1)

Investigation of a selected topic in theoretical computer science. The topic is chosen each year according to the interests of students and faculty. Potential topics include algorithms, complexity, computability, programming language semantics, and formal methods, among others. The department.

Prerequisite: Computer Science 240, 241, 245.

Not offered in 2006/07.

365a. Artificial Intelligence (1)

An introduction to Artificial Intelligence as a discipline of Computer Science, covering the traditional foundations of the field and a selection of recent advances. Traditional topics include: search, two-player adversarial games, constraint satisfaction, knowledge representation and reasoning, and planning. Additional topics will vary from year to year and will be selected from the following: reasoning about time, probabilistic reasoning, neural networks, philosophical foundations, multi-agent systems, robotics, recent advances in planning. Significant programming assignments and a course project complement the material presented in class.

Prerequisites: Computer Science 203, Computer Science 245.

[375a. Networks] (1)

Provides a detailed introduction to network protocols and software, as well as a discussion of network architectures and technology. Topics covered include properties of various transmission media, methods for reliable transfer of data, Ethernet and local-area networks, TCP/IP and the Internet, routing, and security. Programming assignments and a project emphasize the key concepts. Mr. Richards.

Prerequisites: Computer Science 203 or permission of instructor.

Not offered in 2006/07.

377a. Parallel Programming (1)

An introduction to parallel computing, with coverage of parallel architectures, programming models, and techniques. Topics include SIMD and MIMD models, shared-memory and message-passing styles of computation, synchronization, deadlock, and parallel language design. Students are exposed to common techniques for solving problems in sorting, searching, numerical methods, and graph theory, and gain practical experience through programming assignments run on a parallel processing system.

Prerequisite: Computer Science 203.

378a. Graphics (1)

Introduction to computer graphics: 3D modeling and viewing, geometric transformations, visible surface detection methods, illumination and shading models, surface rendering methods (including ray-tracing and radiosity), and color models. A brief review of the mathematics for computer graphics: coordinate systems, vector products, linear algebra, and parametric representations. Instructor to be announced. Mr. Ellman.

Prerequisites: Computer Science 203 and Mathematics 221.

379b. Computer Animation: Art, Science and Criticism (1)

(Same as Art 379b and Media Studies 379b) An interdisciplinary course in Computer Animation aimed at students with previous experience in Computer Science, Studio Art, or Media Studies. The course introduces students to mathematical and computational principles and techniques for describing the shape, motion and shading of three-dimensional figures in Computer Animation. It introduces students to artistic principles and techniques used in drawing, painting and sculpture, as they are translated into the context of Computer Animation. It also encourages students to critically examine Computer Animation as a medium of communication. Finally, the course exposes students to issues that arise when people from different scholarly cultures attempt to collaborate on a project of mutual interest. The course is structured as a series of animation projects interleaved with screenings and classroom discussions. Mr. Ellman, Mr. Roseman.

Prerequisite: Permission of the instructors.

395a or b. Special Topics (½ or 1)

In-depth treatment of specialized topics in computer science, such as programming language semantics, parallel processing, etc.

Prerequisite: Computer Science 203.

399a or b. Senior Independent Work (½ or 1)

Dance

Professor: Jeanne Periolat Czula (Chair); **Associate Professor:** Stephen Rooks; **Visiting Instructors:** Paul Mosley, Director of VRDT, Abby Saxon, Katherine Wildberger*..

Courses are offered for 1/2 unit of academic credit with the exception of Dance 181, 182, 264, 265, 266, 267, 280, which receive 1 unit.

Most of these courses are offered for ungraded credit for a 13-week term. Exceptions are the following graded courses: Dance 177, 178, 264, 265, 266, 267, 278, 364, 365, 366, 367, 394, 395, 396, 397. Course content includes: analysis and practice of techniques for the development of skill; understanding and application of mechanical and aesthetic principles; anatomy and physiology where appropriate. Outside reading and practical work may be required. The department reserves the right to drop a student whose skill level is not appropriate to the class.

A standard of achievement set by the instructor must be met, as well as demonstrated improvement in skill and knowledge of the activity. Regular class participation is essential, as well as completion of all required reading and outside assignments. Advancement to a higher level of the same activity is not automatic: the instructor's recommendation is necessary. Evaluation may take the form of skill testing, written work, and/or examinations.

I. Introductory

155. Dance Improvisation (1/2)

This is a non-performance oriented approach to discovering one's movement potential and physical and thought patterns through improvisation. Utilizing contact improvisation, music visualization, and personal expression, this course is designed to develop freedom of thought and movement. The improvisation techniques range from aerobic to meditative. Creative games, spatial awareness, and problem solving are investigated in order to discover the innovative language of the body. Disability is not a limitation. Ms. Wildberger.

160a and b. Beginning Ballet (1/2)

Introduction to the fundamentals of the ballet class; includes the basic exercises for the barre and centre. Mr. Mosley and instructor to be announced.

165a and b. Advanced Beginning Ballet (1/2)

A course for the student who has had some basic training in ballet; includes the entire barre and centre with some emphasis on Vaganova vs. Cecchetti terminology. Mr. Mosley, Ms. Czula.

166a and b. Low Intermediate Ballet I (1/2)

A course for the student who has good beginner training (complete barre and some centre work). The emphasis is on the development of steps for centre work, i.e. adagio, petit allegro, etc. Ms. Czula.

Prerequisite: Dance 160 and 165 or equivalent.

167a and b. Low Intermediate Ballet II (1/2)

A continuation of the development of steps for centre work. Ms. Czula.

Prerequisite: Dance 165 and 166 or equivalent.

170b. Movement Analysis (1/2)

This course focuses on a study of movement designed to increase body awareness in students of all movement disciplines. Through observation, analysis and exploration, students are introduced to functional anatomy, Laban Movement principles, identification of personal movement habits and the understanding of movement efficiency. Students participate in an eclectic mix of movement experiences that include games, improvisations and exercises. This work is beneficial to the dancer, musician, actor and athlete in us all. Ms. Wildberger.

One 2-hour period.

* Part time.

174a. Beginning Jazz Dance (½)
Jazz dance, which can be defined as “popular dance of the times”, incorporates many different styles and eras of dance including cakewalk, charleston, lindy-hop and swing, blues, tap, ballroom, rock and roll and hip-hop as well as use of modern and ballet vocabulary. There is an emphasis on body isolations, pulsing movements, rhythm patterns, weightedness and momentum. The class includes warm-up, traveling sequences and a final combination. Ms. Saxon.

175b. Advanced Beginning Jazz (½)
Continued work on the fundamentals taught in 174. More demanding combinations. Ms. Saxon.

177. Dance Technique and Its Development in Western Civilization (1)
This course is a beginning level dance course and does not assume any prior dance experience. The class meets five times per week for 50 minutes. On Mondays and Wednesdays students take an academic classical ballet class and on Tuesdays and Thursdays they take a modern technique class. On Fridays, students attend a lecture series that provides an overview of dance history from classicism to the present. This course is part of a two-part sequence of Dance 177, 178. (These do not need to be taken in order). Mr. Mosley.

178. Dance Technique and History in the Twentieth Century (1)
This course complements Dance 177. The class like Dance 177 meets five times per week for 50 minutes and is taught at a beginning or fundamental level. Students who have taken Dance 177 continue to develop skills, but new students are also welcome with the permission of the instructor. On Mondays and Wednesdays students take an academic classical ballet class and on Tuesdays and Thursdays they take a modern technique class. On Fridays, students attend a lecture series in which we conduct a chronological survey of great choreographers of the twentieth century. Mr. Mosley.

194a and b. Beginning Modern Dance (½)
This course is an introduction to the basic principles and history of American modern dance. Class work introduces students to technical concepts involved in training the body to be an articulate, expressive instrument. The course includes some outside written work, performance attendance, and video viewing all aimed at giving a background necessary to the appreciation of dance as a creative art form. No prior dance experience is necessary. Modern dance faculty.

195a and b. Advanced Beginning Modern (½)
This class continues to develop on the movement principles introduced in Beginning Modern Dance. Modern dance faculty.

196a and b. Low Intermediate Modern (½)
Continued work in the fundamentals of American modern dance movement from advanced beginning. Combinations become more demanding and students are introduced to etudes in various modern styles and techniques. Modern dance faculty.
Prerequisite: Dance 195 or equivalent.

II. Intermediate

215a. Dance Composition and the Craft of Choreography (½)
An introduction to the basic elements of dance composition. Body space, stage space, time, form, props, and music are incorporated in the creative process resulting in the student's own dynamic studies. Modern Dance faculty.
One hour lecture, 2-hour lab.

264a and b. Intermediate Ballet I (1)
Development of the classical ballet syllabus at the intermediate level. This course includes three 1½-hour sessions per week with an added arranged hour to be used for

work in one of the following areas: pointe, terminology, theory, men's class, or adagio (when possible). Ms. Czula.

Prerequisite: permission of instructor.

265a and b. Intermediate Ballet II (1)

Further development of the classical ballet syllabus at the intermediate level. Ms. Czula.

Prerequisite: permission of instructor.

266a and b. Intermediate Ballet III (1)

Further development of the classical ballet syllabus at the intermediate level. Ms. Czula.

Prerequisite: permission of instructor.

267a and b. Intermediate Ballet IV (1)

Further development of the classical ballet syllabus at the intermediate level. Ms. Czula.

Prerequisite: permission of instructor.

274a. Intermediate Jazz I (½)

Continued work in the different styles and eras of jazz dance. Traveling sequences and techniques become more demanding as does the final dance combination. Ms. Saxon.

Prerequisite: Dance 174 and 175 or equivalent.

275b. Intermediate Jazz II (½)

Continued work at the intermediate level of jazz technique including traditional styles such as Luigi and Fosse as well as moving on to more contemporary styles of the later twentieth century. Ms. Saxon.

Prerequisite: Dance 274 or equivalent.

278. Graham Technique and Repertory (1)

This course is designed for Intermediate/Advanced level dancers who want to explore, in-depth, the codified technique of Martha Graham, a pioneer of American Modern Dance. Students learn excerpts from selected classic works of the Graham Repertory. Supplementary video viewing and a lecture during an arranged lab time are required. Mr. Rooks.

290a and b. Field Work (½ or 1)

To be elected in consultation with the adviser and field work office.

294a and b. Intermediate Modern Dance I (½)

Exercises and phrases continue from Physical Education 196. Material builds in complexity and technical demand. Modern Dance faculty.

Prerequisite: Dance 196 or equivalent.

295a and b. Intermediate Modern Dance II (½)

This class continues to develop on the movement concepts and investigations introduced in Low Intermediate Modern Dance. Modern dance faculty.

Prerequisite: Dance 294 or equivalent.

298a and b. Independent Work (½ or 1)

Permission granted by the chair of the department for the study of a topic in depth.

Reading Course

297a and b. History of the Dance (½)

Modern dance faculty.

III. Advanced

364a. Repertory Dance Theatre I (½)

Performance in repertory of master choreographers. Works by students and faculty are also offered. In addition, several workshops in new student choreography are given throughout the year. (Auditions for intermediate and advanced students are held the first week in September.) Mr. Mosley and Ms. Wildberger.

Prerequisite: permission of the instructor.

365b. Repertory Dance Theatre II (½)

Mr. Mosley, Ms. Wildberger.

Prerequisite: permission of instructor.

366a. Repertory Dance Theatre III (½)

Mr. Mosley, Ms. Wildberger.

Prerequisite: permission of instructor.

367b. Repertory Dance Theatre IV (½)

Mr. Mosley, Ms. Wildberger.

Prerequisite: permission of instructor.

394a. Advanced Modern Dance I (½)

Continuation and enlargement of all previously taught material. In addition, advanced work in phrasing and musicality is combined with the development of a personal 'voice' or style in one's dancing. Modern Dance faculty.

Prerequisite: Dance 294 and 295 or equivalent.

395b. Advanced Modern Dance II (½)

Modern Dance faculty.

Prerequisite: Dance 294 and 295 or equivalent.

396a. Advanced Modern Dance III (½)

Modern Dance faculty.

Prerequisite: Dance 294 and 295 or equivalent.

397b. Advanced Modern Dance IV (½)

Modern Dance faculty.

Prerequisite: Dance 294 and 295 or equivalent.

Extracurricular: See General Information, p. 23.

Drama and Film

Professors: Gabrielle H. Cody (Chair), Sarah R. Kozloff, Kenneth M. Robinson (Chair, Film), James B. Steerman; **Associate Professors:** Christopher Grabowski, Denise Walen^a; **Assistant Professors:** David Birn, Mia Mask, Philippe Roques; **Adjunct Professor:** Jesse G. Kalin; **Visiting Assistant Professor:** Jamie Meltzer, Neil Worden; **Lecturers:** Holly Hummel, William Miller; **Adjunct Instructors:** Kerry Moore, Dennis Reid, Mark Wheeler, Kathy Wildberger.

Drama

Requirements for Concentration: 10½ units. Drama 100, 103, 221-222, 3 additional units in dramatic literature or theater history from the following courses: Drama 201, 231, 317, 324, 335, 336, 337, of which 2 must be 324, 335, 336 or 337. 2 units from the following production courses: Drama 202, 203, 205, 209, 302, 304, 305, 307, 390; 2 additional elective units at the 200-level or above in drama, film, or dance.

1. Introductory

100a. Introduction to Western Drama (1)

A survey of European and American theater from its beginnings in Ancient Greece to the advent of contemporary performance art and multimedia performance. The class examines the many and widely differing forms the theatrical event has taken over the last 2500 years as revealed through the reading and analysis of twenty of the most celebrated dramatic texts of the western cannon. Emphasis is placed on the form, structure, and themes of the texts, the physical circumstances of theatrical production, and relationship of these to the historical, theoretical, and cultural context from which they emerged. Mr. Birn, Ms. Cody, Mr. Grabowski, Mr. Worden.

Two 75-minute periods.

103a or b. Introduction to Stagecraft (½)

An introduction to the fundamentals of stagecraft, including the processes of flat and platform construction, scene painting, rigging, and theatrical safety. Mr. Miller.

This is a six-week course.

Two 75-minute periods.

II. Intermediate

200a or b. The Experimental Theater (½)

This course focuses on putting theory into practice through participation in the performance, design, or technical aspects of department productions. The 2005/06 season included *the Illusion*, *Romeo and Juliet*, *Uncle Vanya*, and *Treaty*. The department.

Prerequisites: Drama 100, 103, and permission of the department.

May be repeated up to four times.

One 4-hour period and production laboratory.

201b. Text In Performance (1)

The analysis of performance texts as they are interpreted in contemporary production. Students engage in close readings of play texts and criticism and then examine the ramifications of production choices by viewing a number of professional productions. Ms. Cody, Mr. Grabowski.

Prerequisites: Drama 100, 221-222 or special permission of the instructors.

One 2-hour period and laboratory.

202b. Methods of Production: Theory and Practice of Theatrical Communication (1)

An exploration of the strategies theatre artists use to interpret text and communicate with an audience in production, and the collaborative manner these strategies are developed and deployed in contemporary theatre practice. Through the staging of weekly

^a Absent on leave, first semester.

practical projects and the discussion and critique of these projects the class examines the opportunities presented and challenges posed by a wide variety of dramatic texts including the work of William Shakespeare, Georg Buchner, Anton Chekhov, Caryl Churchill, and Thornton Wilder. A critical framework for the class is provided by the writings of Constantin Stanislavski, Bertolt Brecht, Robert Edmund Jones, Peter Brook and others. Mr. Birn, Mr. Grabowski.

Prerequisites: Drama 100.

Two 75-minute periods.

203a or b. The Actor's Craft: The Study of Acting Theories From 1915-present. (1)

The development of rehearsal techniques and strategies in preparation for acting on the stage. The approach is psychological realism. Ideas are drawn from the work of Constantin Stanislavsky, Michael Chekhov, Tedashi Suzuki, Anne Bogart, Sanford Meisner, and others. Mr. Worden.

Prerequisites: Drama 100, and permission of the department.

Two 2-hour periods.

205a. The Actor's Voice (1)

Instruction, theory, and practice in the use of the voice for the stage.

Prerequisites: Drama 100 and permission of the department. Instructor to be announced.

One 3-hour period.

206a. Movement for Actors (1)

Training in stage movement for actors. Students learn to understand neutral posture alignment and explore the dynamic and expressive qualities of movement, as well as the methods of developing a rich physicalization of character. Concepts from the Alexander Technique, Laban Movement Analysis, experimental theatre, and post-modern dance are used. Ms. Wildberger.

Prerequisites: Drama 100, and permission of the instructor.

One 3 hour period.

209a or b. Topics in Production (1)

In-depth study of one or more of the specialized skills used in the creation of the technical aspects of theatrical production. Past topics have included Drafting and Draping. Graphic Communication for Designers, Scene Painting, and Stage Management. May be repeated, but students may study each skill area only once. Mr. Birn, Ms. Hummel, or Mr. Miller.

Prerequisites: Permission of the instructor.

Unscheduled.

221a/222b. Sources of World Drama (2)

An exploration of dramatic literature and performance practices from around the world and the theories that have affected both the literature and practice of theatre from Aristotle's *The Poetics* to writings by late twentieth-century theorists. The course focuses in depth on a number of critical periods rather than surveying the development of dramatic literature. 221, instructor to be announced; 222, Ms. Walen.

Prerequisite: Drama 100.

Two 75-minute periods.

231a. History of Fashion for the Stage (1)

A historical survey of dress from the Egyptians through the nineteenth century as seen in sculpture, manuscript illumination, painting, and drawing. Cultural background investigated through manners and customs in Western Europe. Ms. Hummel.

Permission of the instructor required.

Two 75-minute periods.

280b. *Oedipus at Colonus* in Performance (1)
(Same as Classics 280b) Ms. Kitzinger, Mr. Worden.

290a or b. Field Work (½ or 1)
To be elected in consultation with the adviser and the Office of Field Work.

298a or b. Independent Work (½ or 1)
To be elected in consultation with the adviser.

III. Advanced

302a or b. Problems in Design (1)
Study of set, costume, lighting or sound design. May be repeated in another area of design. Mr Birn, Ms. Hummel, or Mr. Miller.

Prerequisites: Drama 202 and permission of the instructor.

One 3-hour period.

304a. The Art of Acting: Classics (1)
Advanced study of classical acting comparing Shakespeare, Chekhov or Ibsen. Students examine the challenges of a language-driven acting style. Techniques explored include John Barton, Michael Chekhov, Tadashi Suzuki, Anne Bogart, and Kristin Linklater. Mr. Worden.

Prerequisites: Drama 203, 205, 1 unit in dance or movement analysis, and permission of the instructor.

Two 2-hour periods.

305a. The Director's Art (1)
An investigation into the actor/director collaboration. Through the exploration of Chekhov and Shaw's plays, students acquire a rehearsal vocabulary and develop rehearsal strategies while working on several projects during in-class exercises. A final project is developed outside of class. Mr. Grabowski.

Prerequisites: Drama 202 or 203, 302 or 304, and permission of the instructor.

Two 2-hour periods.

[306a or b. The Art of Acting: Comedy] (1)
Advanced study of comic acting styles including clowning, Commedia Dell'arte, Restoration, High Comedy and Absurdism. The work of Lecoq, Suzuki, Wilde, Coward, Ionesco, Beckett and Cawlow are explored. Mr. Worden.

Prerequisites: Drama 203, 205, 1 unit in dance or movement analysis, and permission of the instructor.

Two 2-hour periods.

Not offered in 2006/07.

317a or b. Dramatic Writing (1)
(Same as Film 317) Studies of dramatic construction, analysis of, and practice in writing stage plays and/or screenplays. Mr. Steerman.

Note: students wishing to be considered for admission must submit a short writing sample (dramatic, narrative, poetic) at least ten days prior to preregistration.

Prerequisites: Drama 100 or Film 210 and permission of the instructor.

Open only to juniors and seniors.

One 2-hour period.

[324b. European and American Drama] (1)
Historical and critical study of European and American dramatic literature, theory and criticism, playwrights, and/or aesthetic movements.

Topic: *Shakespeare in production*. Students study the physical circumstances of Elizabethan, public and private theatres at the beginning of the semester. They spend the remainder of the semester in performance work exploring how Shakespearean and other early modern plays worked in these spaces. Ms. Walen.

Prerequisites: Drama 221-222 or permission of the instructor.
 One 3-hour period.
 Not offered in 2006/07.

335a. Seminar in Drama (1)

Topic to be determined. Past topics have included Greek Tragedy, Brecht, Ibsen, Beckett. Instructor to be announced.

Prerequisites: Drama 221-222 and permission of the instructor.
 One 2-hour period.

336a. Seminar in Performance Studies: Modern and Postmodern Theatrical Practice (1)

Selected topics in Western and non-Western performance traditions and literatures. Ms. Cody.

Prerequisites: Drama 221-222 and permission of the instructor.
 One 2-hour period.

337b. Seminar in Para-Theater (1)

An examination of para-theatrical genres and their relation to performance. Readings cover street theatre, demonstrations, stand-up comedy, circus arts, dance, performance art, mediated performance and theories of liveness as well as the performativity of race, class and gender. Ms. Walen.

Prerequisites: Drama 221-222 and permission of the instructor.
 One 2-hour period.

382b. Acting for the Camera (1)

Techniques of acting and writing for the camera. Special emphasis placed on collective class project. Mr. Wheeler.

Prerequisites: Drama 100, 203 and permission of the instructor.
 One 3-hour period.

390a or b. Senior Project in Drama (1)

Students may propose to undertake a project in one of the following areas: research in dramatic literature, theater history, performance studies, acting, directing, design, or playwriting. Proposals can range from collaborative ensemble projects to solo work, to more conventional endeavors in specific areas such as research, acting, directing, or designing. The nature of this project is to be determined in consultation with the department. The department.

Enrollment limited to senior drama majors.

Prerequisites: senior standing, and permission of the department. In the case of directing and design projects, students must also have completed Drama 202.

Unscheduled.

391a or b. Senior Production Laboratory (1)

Participation in the performance, design, or technical aspects of department productions. Students undertake a major assignment with significant responsibility focusing on theory, craft and collaboration. The department.

Prerequisites: senior standing, 1 unit at the 300-level in Drama, and permission of the department.

May not be taken concurrently with Drama 390.

Unscheduled.

392a or b. Diversity in Performance (½)

(Same as Africana Studies 392) This course is intended to enable students from different backgrounds to create and perform—within the Vassar Experimental Theater season—a non-traditional or non-Eurocentric text, and to document their experience through discussion and journal work. The topic changes each year to encompass

many aspects of diversity, including sexuality, gender, culture and class. Instructor to be announced.

One 4-hour period.

399. Senior Independent Work

(½ or 1)

To be elected in consultation with the adviser.

Film

For curricular offerings see page 194.

Earth Science and Society

Faculty: see Geology-Geography

The Department of Geology and Geography is unique at Vassar for we combine within the same department the distinctive perspectives of both the natural and social sciences. By exploring the many processes shaping the planet, geology provides an understanding of the physical limits of human activity. By examining societies in their spatial and regional contexts, geography helps explain the human dimensions of global change. Thus, students interested in the interactions between humans and the Earth can engage that concern via the interdisciplinary major in Earth Science and Society. The Earth Science and Society major presents an integrated and rigorous focus on the earth as humanity's home. It offers students the opportunity to engage in interdisciplinary inquiry with faculty in one department while learning the theories and methodologies of the two geosciences.

Students majoring in Earth Science and Society take courses in the department in order to satisfy the major requirements. Some of these courses are cross-listed between Geology and Geography; others are cross-listed with Environmental Studies, International Studies, and Urban Studies. Interdisciplinary courses outside the department relevant to the study of Earth Science and Society may be substituted in partial fulfillment of the major. Such substitution must be discussed with the faculty adviser and approved by the department. A student interested in the major should consult with the chair of the department as early as possible to plan a coherent course of study.

Requirements for Concentration: 12 units to be distributed as follows, with specific courses chosen in consultation with the chair of the department and the student's adviser, and with the approval of the department. (1) Three departmental survey courses that provide a firm grasp of the earth system, its people, and history (Geography 102, Global Geography; Geology 151, Earth, Environment, and Humanity; Geology 161, The Evolution of Earth and its Life); (2) a methods course selected from among Geography 220, Cartography: Making Maps with GIS, Geography 222, Geographic Research Methods, or Geography 224, GIS: Spatial analysis; (3) a sequence of three courses in geology including at least one at the 300-level; (4) a sequence of three courses in geography including at least one at the 300-level; (5) the senior seminar, Geography 302; (6) an optional interdisciplinary senior thesis (Geography 300) or an additional 300-level course in the department during the senior year.

Senior-Year Requirements: Geography 300 (or another 300-level course), Geography 302. Majors must write a senior thesis to be considered for departmental honors.

Field Work: The department offers field work in geography and geology which can count towards the major at the 200-level. Summer geology field camp, an internship, independent study, or selected coursework taken during junior year study away from Vassar may be credited as field work.

Early Advising: The broad spatial and temporal view afforded by the geosciences is invaluable for a variety of pursuits. The department offers at least two half-unit courses; Geology 103, The Earth Around Us, and Geology 101, Geohazards that introduce students unfamiliar with the perspective of the geosciences to the disciplines. We urge potential majors to enroll in these courses, as well as Earth Science and Society 100. Also, potential majors should consult with a faculty member in the department as soon as possible in order to determine a course of study that reflects the interests and aspirations of the student. After declaration of the major, no required courses may be elected NRO.

Advisers: Ms. Cunningham, Mr. Godfrey, Mr. McAdoo, Ms. Menking, Mr. Nevins, Ms. Schneiderman, Mr. Walker, Ms. Zhou.

Course Offerings

Also see Geography and Geology.

100a. and [b.] Earth Resource Challenges (1)
(Same as Geography 100 and Geology 100) As an introduction to the earth sciences and geography, this course combines the insights of the natural and social sciences. Geographers bring spatial analysis of human environmental change and its implications, while earth scientists contribute their skills and knowledge of the diverse natural processes shaping the earth's surface. Together these distinctive yet complementary fields contribute to comprehensive understandings of the physical limitations and potentials, uses and misuses of the earth's natural resources. Each semester the topic of the course changes to focus on selected resource problems facing societies and environments around the world.

Topic for 2006a: *Carbon Conflicts: Coal, Oil, and Diamonds and the Making of the Modern World*. Carbon is a basic building block of life and a critical component of the modern world. This course focuses on the extraction, production, and consumption of three carbon-based commodities: coal, oil, and diamonds. In doing so, the course introduces students to the geological and human geographical factors underlying the discovery, mining, and distribution of these resources and the resulting environmental transformations. These transformations have made highly significant contributions to the making of the global political economy, while facilitating unprecedented levels of socioeconomic development and wealth accumulation alongside social devastation and ecological degradation. The course examines these contradictory effects and the uneven distribution of benefits and detriments associated with them, while investigating the ties between the commodification of these resources and wars and conflicts of various sorts (e.g. ecological, labor). Toward the end, students consider the viability of alternatives to these commodified resources given their centrality to the modern world and our collective way of life. Mr. McAdoo and Mr. Nevins.

Two 75-minute periods.

300b. Senior Thesis (1)
An original study, integrating perspectives of geography and geology. The formal research proposal is first developed in Geography 302, the senior seminar, and then is presented to a faculty member in either geography or geology, who serves as the principal adviser. A second faculty member from the other respective discipline participates in the final evaluation.

399a or b. Senior Independent Work (1)

Economics

Professors: Catharine B. Hill, (and President), Geoffrey A. Jehle^a, Paul A. Johnson^{ab}, Shirley B. Johnson-Lans (Chair), David A. Kennett, Alexander M. Thompson III (Dean of Studies); **Associate Professors:** Christopher P. Kilby, William E. Lunt; **Visiting Associate Professor:** Timothy Koechlin; **Assistant Professors:** Sean M. Flynn^b, Alan C. Marco, Robert P. Rebelein^{ab}, Jonathan C. Rork.

Requirements for Concentration: at least 11 units of graded economics credit normally composed of Economics 100, 101, 200, 201, 209, and 6 other graded units (excluding Economics 120) at least three of which must be at the 300-level. Credit for Economics 305 cannot be used to satisfy the requirements for the concentration unless Economics 306 is also taken. At least 6 units must be taken at Vassar including 2 at the 300-level. Students must also complete at least 1 unit of college level calculus such as Mathematics 101, 121, or equivalent. Students are strongly encouraged to complete this requirement early in their college careers. Majors may not elect the Non-Recorded option. All exceptions to the normal program require special permission from the department chair.

It is strongly recommended that all students intending to spend junior year abroad take Economics 200, 201, and 209 by the end of their sophomore year.

Economics and Your Career—A Guide to Designing Programs of Study in Economics at Vassar recommends sequences of study for students planning to work right after graduation, and for those planning to attend graduate or professional schools. It is available in the department office.

Advisers: The department.

Correlate Sequence: The economics department offers a correlate sequence which designates coherent groups of courses intended to complement the curricula of students majoring in other departmental, interdepartmental, and multidisciplinary programs. Three options are currently available within the correlate sequence in economics:

International Economics, coordinated by Mr. Kennett.

Public Policy, coordinated by Mr. Rork.

Quantitative Economics, coordinated by Mr. Lunt.

Courses within each option should be chosen in consultation with the coordinator of that sequence. Students pursuing the correlate sequence in economics are required to complete a minimum of six units in economics, including at least one at the 300-level and Economics 100 and Economics 101. At least four units must be taken at Vassar. Additional requirements for each of the options are detailed in *Correlate Sequences in Economics*, available in the department office.

I. Introductory

100a and b. Introduction to Macroeconomics (1)

An introduction to economic concepts, emphasizing the broad outlines of national and international economic problems. Students learn the causes and consequences of variations in gross national product, unemployment, interest rates, inflation, the budget deficit, and the trade deficit. The course also covers key government policy-making institutions, such as the Federal Reserve and the Congress, and the controversy surrounding the proper role of government in stabilizing the economy. The department.

101a and b. Introduction to Microeconomics (1)

An introduction to economic concepts emphasizing the behavior of firms, households, and the government. Students learn how to recognize and analyze the different market structures of pure competition, oligopoly, and monopoly. The course also covers theories of how wages, interest, and profits are determined. Additional topics include the role of government in regulating markets, determinants of income distribution, and the environment. The department.

^{ab} Absent on leave for the year.

^a Absent on leave, first semester.

^b Absent on leave, second semester.

II. Intermediate

200a and b. Macroeconomic Theory (1)

A structured analysis of the behavior of the national and international economies. Alternative theories explaining the determination of the levels of GDP, unemployment, the interest rate, the rate of inflation, exchange rates, and trade and budget deficits are considered. These theories provide the basis for discussion of current economic policy controversies. The department.

Prerequisites: Economics 100.

201a and b. Microeconomic Theory (1)

Economics is about choice, and microeconomic theory begins with how consumers and producers make choices. Economic agents interact in markets, so we carefully examine the role markets play in allocating resources. Theories of perfect and imperfect competition are studied, emphasizing the relationship between market structure and market performance. General equilibrium analysis is introduced, and efficiency and optimality of the economic system are examined. Causes and consequences of market failure are also considered. The department.

Prerequisites: Economics 101.

204a. Gender Issues in Economics. (1)

(Same as Women's Studies 204) An analysis of gender differences in education, earnings, employment and the division of labor within the household. Topics include a study of occupational segregation, discrimination, the role of "protective legislation" in the history of labor law, and effects of changes in the labor market of the U.S. We also study the economics of marriage, divorce, and fertility. A comparison of gender roles in other parts of the world is the final topic in the course. Ms. Johnson-Lans.

Prerequisite: Economics 101.

209a and b. Probability and Statistics (1)

This course is an introduction to statistical analysis and its application in economics. The objective is to provide a solid, practical, and intuitive understanding of statistical analysis with emphasis on estimation, hypothesis testing, and linear regression. Additional topics include descriptive statistics, probability theory, random variables, sampling theory, statistical distributions, and an introduction to violations of the classical assumptions underlying the least-squares model. Students are introduced to the use of computers in statistical analysis. The department.

Prerequisites: Economics 100, 101 or permission of instructor.

210a. Econometrics (1)

This course equips students with the skills required for empirical economic research in industry, government, and academia. Topics covered include simple and multiple regression, maximum likelihood estimation, multicollinearity, heteroskedasticity, autocorrelation, distributed lags, simultaneous equations, instrumental variables, and time series analysis. Mr. Lunt.

Prerequisites: Economics 209 or an equivalent statistics course. Recommended: Economics 100, 101.

215b. The Science of Strategy (1)

Strategic behavior occurs in war, in business, in our personal lives, and even in nature. Game theory is the study of strategy, offering rigorous methods to analyze and predict behavior in strategic situations. This course introduces students to game theory and its application in a wide range of situations. Students learn how to model conflict and cooperation as games, and develop skills in the fine art of solving them. Applications are stressed, and these are drawn from many branches of economics, as well as from a variety of other fields. Mr. Jehle.

Prerequisites: 100 or 101.

218a. Urban Economics (1)

(Same as Urban Studies 218) The focus is on the city, in determining its costs and benefits as well as location and land use. We explore policy issues specific to local governments in urban areas, including: zoning, housing and segregation, poverty, homelessness, transportation, education and crime. Mr. Rork.

Prerequisite: Economics 101

220b. The Political Economy of Health Care (1)

Economic models are applied to the contemporary problems of financing and providing health care in a climate of increasing demand and rising costs. Topics include the market for physicians, nurses, and hospital facilities; the role of health care insurance, both public and private; the effects of changes in medical technology, the economics of the pharmaceutical industry and market structure in the health care industry. A comparative study of several other countries' health care systems is included. Ms. Johnson-Lans.

Prerequisite: Economics 101 or permission of the instructor.

225a. Financial Markets and Investments (1)

This course provides an overview of the structure and operation of financial markets, and the instruments traded in those markets. Particular emphasis is placed on portfolio choice, including asset allocation across risky investments and efficient diversification. Theoretical foundations of asset-pricing theories are developed, and empirical tests of these theories are reviewed. The course introduces valuation models for fixed-income securities, equities, and derivative instruments such as futures and options. Throughout the course, students apply investment theories by managing a simulated asset portfolio. Additional topics include financial statement analysis and performance evaluation measures. Mr. Flynn.

Prerequisites: Economics 100 and 101. Students with strong quantitative backgrounds can enroll with instructor permission.

Recommended: Economics 201 and Economics 209

233a. The Political Economy of Globalization (1)

(Same as International Studies 233) We examine the consequences of economic globalization from a variety of theoretical perspectives. Topics include: competing theories of globalization's effects; an assessment of the extent of globalization; the effects of economic integration on economic growth and the distribution of income; and the ways in which globalization might alter the balance of power between and among workers, communities, governments, and corporations. The course also considers a number of "applied" topics including the North American Free Trade Agreement, the International Monetary Fund and debates over "sweatshop labor." Mr. Koechlin.

Prerequisites: Economics 100 or 101.

238a. Law and Economics (1)

This course uses economics to analyze legal rules and institutions. The primary focus is on the classic areas of common law: property, contracts, and torts. Some time is also spent on criminal law and/or constitutional law (e.g., voting, public choice, and administration). Much attention is paid to developing formal models to analyze conflict and bargaining, and applying those models to specific cases. Topics include the allocation of rights, legal remedies, bargaining and transaction costs, regulation versus liability, uncertainty, and the litigation process. Time permitting, the course may also include discussion of gun control, the death penalty, federalism, and competition among jurisdictions. Mr. Marco.

Prerequisite: Economics 101

248a. International Trade and the World Financial System (1)

A policy-oriented introduction to the theory of international trade and finance. The course introduces basic models of trade adjustment, exchange rate determination and macroeconomics adjustment, assuming a background of introductory economics. These are applied to the principle issues and problems of the international economy. Topics

include the changing pattern of trade, fixed and floating exchange rates, protectionism, foreign investment, the Euro-dollar market, the role of the WTO, the IMF and World Bank, the European Community and third-world debt. Mr. Kennett.

Prerequisites: Economics 100 and 101. Not open to students who have completed Economics 345 or 346.

267b. Environmental and Natural Resource Economics (1)

(Same as Science, Technology, and Society 267) This course examines environmental and natural resource issues from an economic perspective. Environmental problems and controversies are introduced and detailed, and then various possible policies and solutions to the problems are analyzed. Economic analyses will determine the effectiveness of potential policies and also determine the people and entities which benefit from (and are hurt by) these policies. The goal is for students to develop a framework for understanding environmental problems and then to learn how to analyze policy actions within that framework. Topics include water pollution, air pollution, species protection, externalities, the energy situation, and natural resource extraction. Mr. Lunt.

Prerequisite: Economics 101 or permission of instructor.

268b. Economic Development in Less Developed Countries (1)

A survey of central issues in the field of Development Economics, this course examines current conditions in less developed countries using both macroeconomic and microeconomic analysis. Macroeconomic topics include theories of growth and development, development strategies (including export-led growth in Asia), and problems of structural transformation and transition. Household decision-making under uncertainty serves as the primary model for analyzing microeconomic topics such as the adoption of new technology in peasant agriculture, migration and urban unemployment, fertility, and the impact of development on the environment. Examples and case studies from Africa, Asia, Latin America and transition economies provide the context for these topics. Mr. Kilby.

Prerequisites: Economics 100 and 101.

III. Advanced Courses

[303a. Advanced Topics in Microeconomics] (1)

This course introduces students to modern theoretical methods in microeconomics and their application to advanced topics not typically addressed in Economics 201. Topics vary from year to year, but typically include: modern approaches to consumer and producer theory, economics of uncertainty, general equilibrium theory, and welfare analysis. Mr. Jehle.

Prerequisites: Economics 201 and one year of calculus, or permission of instructor.

Not offered in 2006/07.

304a. Advanced Topics in Macroeconomics (1)

This course examines some recent theoretical and applied work in macroeconomics. Topics vary from year to year but are likely to include consumption, investment, economic growth, and new-Keynesian models of fluctuations. The requisite dynamic optimization methods are developed during the course. The department.

Prerequisites: Economics 200, 201, 209, and Mathematics 121 or equivalent, or permission of instructor. Economics 210 recommended.

310a. Advanced Topics in Econometrics (1)

Analysis of the classical linear regression model and the consequences of violating its basic assumptions. Topics include maximum likelihood estimation, asymptotic properties of estimators, simultaneous equations, instrumental variables, limited dependent variables and an introduction to time series models. Applications to economic problems are emphasized throughout the course. The department.

Prerequisites: Economics 210 and one year of calculus. Mathematics 221 recommended.

320a. Labor Economics (1)

An examination of labor markets. Topics include demand and supply for labor, a critical analysis of human capital and signaling theory, the hedonic theory of wages, theories of labor market discrimination, unemployment, and union behavior. Institutional differences between labor contracts in the U.S., the U.K., and E.U. countries and public policy with respect to such things as minimum wages, fringe benefits, unemployment insurance, and welfare reform are also addressed. Ms. Johnson-Lans.

Prerequisite: Economics 101, 201 and 209.

333a. Behavioral Economics (1)

This course surveys the extensive empirical and experimental evidence documenting how human behavior often deviates from the predictions made by models that assume full rationality. This course combines economics, psychology, and experimental methods to explore impulsivity, impatience, overconfidence, reciprocity, fairness, the enforcement of social norms, the effects of status, addiction, the myopia that people exhibit when having to plan for the future, and other behaviors which deviate from what we would expect if people were fully rational. Mr. Flynn.

Prerequisites: Economics 200 or 201.

342b. Public Finance (1)

This course considers the effects that government expenditure, taxation, and regulation have on people and the economy. Attention is given to how government policy can correct the many failures of the free market system. Topics include the effect taxes have on consumption and employment decisions, the U.S. income tax system, income redistribution, budget deficits, military spending, environmental policy, health care, education, voting, social security, and the U.S. "safety net." Mr. Rork.

Prerequisite: Economics 201.

345a. International Trade Theory and Policy (1)

This course examines classical, neoclassical and modern theories of international trade, as well as related empirical evidence. Topics included are: the relationship between economic growth and international trade; the impact of trade on the distribution of income; the theory of tariffs and commercial policy; economic integration, trade and trade policy under imperfect competition. The department.

Prerequisite: Economics 201.

346b. International Monetary Theory and Policy (1)

The course is devoted to the problems of balance of payments and adjustment mechanisms. Topics include: the balance of payments and the foreign ex-change market; causes of disturbances and processes of adjustment in the balance of payments and the foreign exchange market under fixed and flexible exchange rate regimes; issues in maintaining internal and external balance; optimum currency areas; the history of the international monetary system and recent attempts at reform; capital movements and the international capital market. The department.

Prerequisite: Economics 200.

355b. Industrial Organization (1)

This course examines the behavior of firms under conditions of imperfect competition. The role of market power is studied, including the strategies it permits, e.g., monopoly pricing, price discrimination, quality choice, and product proliferation. Strategic behavior among firms is central to many of the topics of the course. As such, game theory is introduced to study strategic behavior, and is applied to topics such as oligopoly pricing, entry and deterrence, product differentiation, advertising, and innovation. Time permitting, the course may also include durable goods pricing, network effects, antitrust economics, and vertical integration. Mr. Marco

Prerequisites: Economics 201, Calculus

367b. Comparative Economics (1)

A study of different economic systems and institutions, beginning with a comparison of industrialized market economies in the U.S., Asia, and Europe. Pre-perestroika USSR is studied as an example of a centrally planned economy and the transition to a market economy is examined, with additional focus on the Czech Republic and Poland. Alternatives to both market and planned systems—such as worker self-management, market socialism, and social democracy—are also explored with emphasis on the experience of Yugoslavia and Sweden. Mr. Kennett.

Prerequisites: at least 2 units of Economics at or above the 200-level.

369a. Political Economy of Development Aid (1)

Modern foreign aid reached its high point early in its history with the Marshall Plan. Since that time, foreign aid has frequently failed to live-up to expectations. One important reason for this poor record is that donors actually pursue a number of competing objectives including promoting their own geopolitical and commercial objectives. The situation is further complicated by the domestic political economy of aid allocation which can lead to time inconsistent policy, and agency problems in bilateral and multilateral aid bureaucracies. This course examines foreign aid using a variety of economic approaches and tools. We consider both humanitarian and economic rationale for aid. Starting with the history and institutions of foreign aid, we delve into current policy and academic debates including agency problems, conditionality, and selectivity. A recurring theme is how political and economic objectives of aid donors and recipients influence the development effectiveness of aid. Mr. Kilby.

Prerequisites: Economics 201 and 209.

One 3-hour period.

371b. Alternative Economic Theories and Perspectives (1)

This course compares and contrasts “alternative” schools of economic thought (Marxist, post-Keynesian, Institutional, and others) with “mainstream” economic thought. The course pays particular attention to the implications of theoretical choices. How do the assumptions we make and the questions we choose to ask inform our understanding of capitalism? How do different theoretical perspectives lead to different understandings of real economic phenomena, e.g., market allocation, the distribution of income, unemployment, free trade, neoliberalism, or the appropriate role of government in the economy? Mr. Koechlin.

Prerequisites: Economics 201 or 200.

IV. Senior Courses

305a/306b. Senior Seminar in Economics (½, 1)

Students must write an independent research paper on a topic to be agreed upon with the seminar instructor. These topics should be discussed with the instructor prior to registration. For any credit for the major, students must complete both 305a and 306b. For majors only. The department.

One 2-hour period.

V. Other

290a or b. Field Work (½ or 1)

Individual or group field projects or internships. The department.

May be elected during the academic year or during the summer.

Prerequisite or corequisite: a course in the department. Permission required.

Unscheduled.

298a or b. Independent Work (½ or 1)

399a or b. Senior Independent Work (½ or 1)

Education

Associate Professors: Joyce Bickerstaff, Christopher Roellke (Chair); **Assistant Professors:** Christopher Bjork (Coordinator of Childhood Education), Joy Lei^{ab}; **Visiting Instructor:** Linda Cantor (Coordinator of Adolescent Education); **Adjunct Instructor:** Carmen Garcia; **Lecturer:** Julie Riess (Director of Wimpfheimer Nursery School).

The teacher preparation programs in the Department of Education at Vassar College reflect the philosophy that a broad liberal arts education is the best foundation for teaching whether on the childhood or adolescent level; whether in public or private schools. The student at Vassar who is preparing to teach works within a strong interdisciplinary framework of professional methods and a balanced course of study in a select field of concentration leading to the degree of Bachelor of Arts. The department offers work leading to initial New York State certification at the childhood and adolescent school levels. This certification is reciprocal in many other states.

Consistent with New York State requirements, the certification programs are based upon demonstration of competency in both academic and field settings. It is advisable that students planning childhood or adolescent certification consult with the department during the first semester of the freshman year.

Transfer Students: Transfer students who wish to be certified for childhood or adolescent school teaching under the Vassar program must take their units in professional preparation at Vassar. They are also required to do their student teaching under Vassar's supervision. Early consultation with the Department of Education is advised.

Students interested in the theoretical or cross-cultural study of education, but not in certification, should consult the department for a list of recommended courses.

Special Programs:

Clifden, Ireland: Internship in Irish Primary and Secondary Schools. Vassar College, in cooperation with University College, Galway, and the schools of Clifden, offers a one-semester internship in Irish schools. Students interested in teacher certification, the theoretical study of education, or the study of cross-cultural education are assigned as interns in the secondary schools in Clifden. They are expected also to take a "half-tutorial"^{ab} of study at University College, Galway, in some area such as history, English, psychology, history of art, physical sciences, geography, or other subjects taught in the university. Those interested in applying should consult with their adviser and the Department of Education before making formal application through the Department of Education.

Exploring Science at Vassar Farm. The Department of Education offers a one-semester program in science and environmental education at the Collins Field Station on the Vassar Farm property. Vassar students work with faculty to design and implement lessons for local Poughkeepsie elementary students. Children from second and third grade classrooms are invited to spend a morning at the Farm in exploration and discovery. Through nature walks, performing a simple experiment, observing live animals, and using large motor skills in play, children are actively engaged in science. Those interested in participating should contact Ms. Capozzoli, director of the program.

Venture/Bank Street:

Urban (NYC) Education Semester. Vassar College, in cooperation with Venture/Bank Street, offers a one-semester program in urban education. Students interested in teacher certification, the theoretical study of education, or the study of cross-cultural education are assigned as interns in New York City public schools. In addition to the two-unit internship, students also take three additional courses at Bank Street College. Those interested in applying should consult with their advisor and the Department of Education before making formal application through the Office of the Dean of Studies.

Childhood Education Certification: A program leading to the New York State Initial Childhood Education Certificate (1-6) is offered. New York State certifies

^{ab} Absent on leave for the year.

students for the initial certificate upon recommendation of the teacher certification officer. Such recommendation depends on academic excellence, specified competencies in professional course work, field experiences, and demonstrated fitness for teaching. In addition, students must pass qualifying examinations set by New York State. The program of study must include the following requirements: Psychology 105, 231; Education 235, 250, 290, 240, 350/351, 360, 361, 362.

Advisers: The department.

Recommended Sequence of Courses for Childhood Education Certification:

Freshman year:

Psychology 105, 231
Education 290 (Field Work).

Junior year:

Education 350/351
Education 240

Sophomore year:

Education 235
Education 250

Senior year:

Education 360, 361
Education 362 (Student Teaching)

NRO work may not be used to satisfy state certification requirements.

The student teaching internship is a five-day/week full time classroom experience in selected local schools during the a-semester.

Adolescent Education Certification: Programs leading to the New York State Initial Adolescent Education Certificate (7-12) are offered in the fields of English, foreign languages (Spanish, French, German, Russian), mathematics, biology, chemistry, physics, and social studies. Students with a major in the areas of anthropology, economics, geography, history, political science, urban studies, American culture, and sociology are eligible for social studies certification. New York State certifies students upon the recommendation of the teacher certification officer. Such recommendation depends on academic excellence, specified competencies in professional course work, field experiences, and demonstrated fitness for teaching. In addition, students must pass qualifying examinations set by New York State. The program of study must include the following:

Psychology 105; Education 235, 250, 263, 290, 380, plus one additional course in adolescent literacy determined in consultation with the department.

English: Education 394, 374

Foreign Languages: Education 390, 370

Mathematics, Biology, Chemistry, Physics: Education 392, 372

Social Studies: Education 396, 376

In addition to completing requirements for their major, students may need additional coursework in the subject area in which they plan to teach. These vary slightly for each field; therefore it is important that students planning such a program consult with the appropriate member of the department as soon as the area of concentration has been declared.

Advisers: The department.

Recommended Sequence of Courses for Adolescent Education Certification:

Freshman year:

Education 235
Psychology 105

Junior year:

Education 290
Education 380
Education 390-396

Sophomore year:

Education 250
Education 263
Education 290

Senior year:

Education 370-376

NRO work may not be used to satisfy state certification requirements.

The student teaching internship is a five-day/week full time classroom experience in selected local schools during the a-semester.

I. Introductory

160a and b. Books, Children, and Culture (1)

(Same as Africana Studies 160) This course examines select classical works from the oral tradition and contemporary works of children's fiction and non-fiction. The course addresses juvenile literature as a sociological phenomenon as well as a literary and artistic one (illustrative content). The course traces the socio-historical development of American children's literature from Western and non-Western societies. Social, psychoanalytic, and educational theory provide a conceptual basis and methodological framework for the cultural analysis of fairy tale and modern fantasy in cross-cultural perspective. Socialization issues include: ideals of democracy; moral character; race and class; politicalization; and the human relationship to the natural environment. Ms. Bickerstaff.

Two 75-minute periods.

166a-167b. American Sign Language I and II (1)

This total immersion course strongly adheres to the philosophy that language acquisition is best achieved when total language is taught by means of hands-on group activities that reflect common everyday interactions of people in the Deaf Community rather than through isolated vocabulary. Sessions introduce both formal and informal registers in American Sign Language. Meaningful and experiential group activities adhere to research findings detailing the importance of incorporating facial grammar, mouth morphemes, and non-manual signals, prosody, and body language in the beginning stages of learning the grammar as visual language. Role-playing serves a vital tool in helping students formulate grammatically correct ideas and concepts from concrete to abstract. The primary focus is to develop receptive skills. Deaf culture is highlighted throughout the course to enrich and complement the study of the language. In American Sign Language II, students continue to engage in meaningful and experiential group activities to enhance their fluency. Focus is on further development of essential receptive skills while guiding the student to effective expressive skills through instructor modeling, and modeling of Deaf individuals from the community and well known videotaped models in the profession. Ms. Garcia.

Completion of Education 166a-167b satisfies the foreign language requirement.

Prerequisite: permission of instructor.

Two 75-minute periods; one hour of laboratory.

II. Intermediate

235a or b. Issues in Contemporary Education (1)

This course introduces you to debates about the nature and purposes of U.S. education. Examination of these debates help us develop a deeper and more critical understanding of U.S. schools and the individuals who teach and learn within them. Focusing on current issues in education, we consider the multiple and competing purposes of schooling and the complex ways in which formal and informal education play a part in shaping students as academic and social beings. We also examine issues of power and control at various levels of the U.S. education system. Among the questions we contemplate are: Whose interests should schools serve? What material and values should be taught? How should schools be organized and operated? The department.

Prerequisite: Psychology 105.

Two 75-minute periods.

237b. Early Childhood Education: Theory and Practice (1)

(Same as Psychology 237b) What is the connection between a textbook description of preschool development and what teachers do every day in the preschool classroom? This course examines curriculum development based on contemporary theory and research in early childhood. The emphasis is on implementing developmental and educational research to create optimal learning environments for young children.

Major theories of cognitive development are considered and specific attention is given to the literatures on memory development; concepts and categories; cognitive strategies; peer teaching; early reading, math, and scientific literacy; and technology in early childhood classrooms. Ms. Riess.

Prerequisite: Psychology 231 and permission of instructor
One 2-hour period; 4 hours of laboratory participation

240b. Mathematics for Elementary Teaching: Content and Methodology for Regular and Special Education (1)

The purpose of this course is to develop the student's competency to teach mathematics to elementary school children, K-6. Lectures and "hands on" activity sessions are used to explore mathematical content, methodology, and resource materials with an emphasis on conceptual understanding as it relates to the sequential nature of mathematics and to cognitive development. Special emphasis is placed on diagnostic and remedial skills drawn from a broad psychological and theoretical base. Students have the opportunity to plan, implement, and assess their mathematics teaching in appropriate classroom settings through field assignments in the local schools. Ms. Cantor.

Prerequisites: Psychology 105, 231. Special permission.

250a or b. Introduction to Special Education (1)

The purpose of this course is to examine new ideas that have emerged with regard to the education and training of exceptional children. A humanistic philosophical approach is the emphasis of this examination with focus on the child rather than on the categories of handicaps. Considering "special education" as intervention in the education of children who have special needs, several issues are dealt with: the medical, psychological, and sociological problems of these children; instructional practices; inclusion; and the restructuring of the traditional role of the special teacher. Instructor to be announced.

Prerequisites: Psychology 105, 231. Special permission.
Two 75-minute periods.

[252b. Race, Representation, and Resistance in U.S. Schools] (1)

(Same as Urban Studies 252) This course examines the political and relational constructions of race and their significance in schooling. The examination includes the complicated relationship between identities at the individual level and the representations and discourses of knowledge created by the dominant racialized order at structural and ideological levels. Set within the context of schools, this analysis delves into the meanings of race in the everyday lives of students and teachers and in education policies, practices, and reform. Ms. Lei.

Prerequisite: permission of instructor.
Two 75-minute periods.
Not offered in 2006/07.

262a. The Fairy Tale (1)

The course focuses on European and Asian folk tales, with emphasis on how writers from the nineteenth and twentieth centuries have reinvented the fairy tale while borrowing from traditional sources. Readings may include: *Household Tales of the Brothers Grimm*, and selections from Hans Christian Andersen, George MacDonald, Lewis Carroll, L. Frank Baum, and Virginia Hamilton. Assignments include critical papers, the writing of an original tale, and the presentation of a traditional tale in class. Ms. Darlington.

Prerequisite: permission of instructor.

263a. The Adolescent in American Society (1)

This course examines the lives of American adolescents and the different ways our society has sought to understand, respond to, and shape them. Particular attention is paid to the relationship between educational policies/practices and adolescent growth and development. Empirical studies will be combined with practical case scenarios as a basis for understanding alternative pathways for meeting the needs of middle

school and high school learners. This course is required for secondary school teacher certification. Mr. Roellke.

Prerequisite: permission of instructor.
One 3-hour period.

266a. American Sign Language III (1)

Students further develop their receptive and expressive skills while progressing to narrative skills through the use of storytelling that helps them incorporate classifiers, mouth morphemes and prosody to their production. Videotaped student assignments continue to be utilized as an essential tool for self and group assessment and continued growth. Ms. Garcia.

Prerequisite: Education 166a-167b.
Two 75-minute periods; one hour of laboratory.

267b. American Sign Language IV (1)

In this course, focus is on the continued development of fluency through experiential group activities and videotaped assignments. "Success stories jokes, history and humor presented by Deaf Community members are studied to enhance further understanding of Deaf culture and values. Students explore how their knowledge and skills of ASL, Deaf culture, values and norms can serve as a valuable tool for effective interaction with Deaf individuals. Ms. Garcia.

Prerequisite: Education 166a-167b and 266a.
Two 75-minute periods; one hour of laboratory.

[271. From Print to Film: The Reading, Writing, and Seeing of Children's Books] (1)

A study of selected children's classics and the films based on them, both of which have attracted an adult audience: *Alice in Wonderland*, *Through the Looking Glass*, *Gulliver's Travels*, *Mulan*, *The Wizard of Oz* and others. Ms. Willard.

Prerequisite: permission of instructor.
Two 2-hour periods.
Not offered in 2006/07.

272b. Comparative Education (1)

(Same as Asian Studies 272b) This course provides an overview of comparative education theory, practice, and research methodology. We examine educational issues and systems in a variety of cultural contexts. Particular attention is paid to educational practices in Asia and Europe, as compared to the United States. The emphasis of the course focuses on educational concerns that transcend national boundaries. Among the topics explored are international development, democratization, social stratification, the cultural transmission of knowledge, and the place of education in the global economy. These issues are examined from multiple disciplinary vantage points. Mr. Bjork.

Prerequisite: Education 235 or permission of instructor.
Two 75-minute periods.

290a or b. Field Work (½ or 1)

All candidates for certification must demonstrate competency in an intensive field work experience at the elementary, middle school, or senior high school level prior to student teaching. The department.

297a or b. Independent Reading (½)

Student initiated independent reading projects with Education faculty. A variety of topics are possible, including educational policy, children's literature, early childhood education, the adolescent, history of American education, multicultural education, and comparative education. Subject to prior approval of the department. The department.

298a or b. Independent Study (½ or 1)
 Individual or group projects concerned with some aspect of education, subject to prior approval of the department. May be elected during the regular academic year or during the summer. The department.

III. Advanced

A minimum of ½ unit of field work is required for admittance to all 300-level courses for students seeking teacher certification.

300a. Senior Portfolio: Childhood Education (1)
 This senior seminar focuses on analysis of the student teaching experience. Through the development of their teaching portfolio, senior students examine the linkages between theory, current research, and classroom practice. This course should be taken concurrently with the student teaching practicum. Mr. Bjork.

301a. Senior Portfolio: Adolescent Education (1)
 Same as Education 300a, but for students earning certification in Adolescent Education. Ms. Cantor.

[320b. Up From Slavery: Schooling and Socialization of Blacks in America] (1)
 of Blacks in America
 (Same as Africana Studies 320) Ms. Bickerstaff.
 Not offered in 2006/07.

321a. Cross-Cultural Studies in Education (1)
 (Same as Africana Studies 321)

336a. Childhood Development: Observation and Research Application (1)
 (Same as Psychology 336) What differentiates the behavior of one young child from that of another? What characteristics do young children have in common? This course provides students with direct experience in applying contemporary theory and research to the understanding of an individual child. Topics include attachment; temperament; parent, sibling and peer relationships; language and humor development; perspective-taking; and the social-emotional connection to learning. Each student selects an individual child in a classroom setting and collects data about the child from multiple sources (direct observation, teacher interviews, parent-teacher conferences, archival records). During class periods, students discuss the primary topic literature, incorporating and comparing observations across children to understand broader developmental trends and individual differences. Synthesis of this information with critical analysis of primary sources in the early childhood and developmental literature culminates in comprehensive written and oral presentations. Ms. Riess.

Prerequisite: Psychology 231 and permission of the instructor.

For Psychology Majors: completion of a research methods course.

One 3-hour period.

4 hours of laboratory observation work.

350/351. The Teaching of Reading: Process and Strategies for Childhood and Special Education (1)

The purpose of this course is to examine the nature and process of reading within a theoretical framework and then to examine a variety of approaches and strategies used in teaching children to read and to gain competence in all of the language arts. Special emphasis is placed on diagnostic teaching for all children as well as on the selection of reading curricula, goals, methods, materials, and settings appropriate for children in regular classes and for children with cognitive and behavioral deficits for whom modifications in the learning program are necessary. Observation and participation in local schools is required. Instructor to be announced.

Prerequisites: Psychology 105, 231, permission of instructor.

One 2-hour period; one hour of laboratory.

[353a. Pedagogies of Difference: Critical Approaches to Education] (1)

The idea of difference has served as the conceptual groundwork for educational theorists of diverse ideological perspectives to work toward actualizing equitable teaching and learning contexts for all individuals and groups within a society or culture. Yet in their desire for securing equitable educational environments and opportunities, different approaches such as multicultural education, feminist pedagogy, critical pedagogy, antiracist education, postcolonial pedagogy, and queer pedagogy diverge with respect to the concept of difference, placing more and less emphasis on particular sociocultural categories (i.e., race, gender, class, sexuality, language, dis/ability). Given these discrepancies, to what extent can the idea of difference help us to redefine or rethink the principle of educational equity and the questions of social justice that it raises both within and outside of the classroom? In this course, we examine the historical and philosophical roots of critical approaches to education as well as diverse theoretical paradigms about teaching, learning and school reform that situate schooling in a larger political and global context. We utilize these theoretical paradigms to analyze educational policies, curriculum, and pedagogical practices that address the relationship between schooling and society in global times. Ms. Lei.

Prerequisite: Education 235 or Education 252, or permission of instructor.

Not offered in 2006/07.

360a. Workshop in Curriculum Development (1)

This course focuses on the current trends, research and theory in the area of social science and their implications for practice in the elementary schools. Procedures and criteria for developing and evaluating curricular content, resources and teaching strategies are examined and interdisciplinary units developed. Mr. Bjork.

Prerequisites: open to seniors only or by permission of instructor.

One 3-hour period.

361b. Seminar: Science in the Elementary Curriculum (1)

This course focuses on methods of teaching science in the elementary school. Students explore the development of scientific concepts, science literacy, and scientific methods as appropriate for elementary school students. Emphasis is placed on experiential approaches to the material. Mr. Bjork.

Permission of instructor.

One 3-hour period.

362a. Student Teaching Practicum: Childhood Education (2)

Supervised internship in an elementary classroom, grades 1-6. Examination and analysis of the interrelationships of teachers, children, and curriculum as reflected in the classroom learning environment. One or more conference hours per week. Mr. Bjork.

Open to seniors only.

Prerequisites: Psychology 105, 231; Education 235, 240, 250, 290, 350/351; Education 360, 361 may be concurrent. (Ungraded only.) Permission of instructor.

367b. Urban Education Reform (1)

(Same as Urban Studies 367b) This seminar examines American urban education reform from historical and contemporary perspectives. Particular attention is given to the political and economic aspects of educational change. Specific issues addressed in the course include school governance, standards and accountability, incentive-based reform strategies, and investments in teacher quality. Instructor to be announced.

Prerequisite: Education 235 or permission of instructor.

One 2-hour period.

370a. Student Teaching: Secondary School Foreign Languages (2)

Supervised internship in teaching in a middle, junior or senior high school, grades 7-12. Examination of the interrelationships of teachers, children, and curriculum as reflected in the classroom learning environment. One or more conference periods per week. The department.

Open to seniors only.

Prerequisites: Psychology 105; Education 235, 263, 290, 380; Education 390. (Ungraded only.) Permission of instructor.

372a. Student Teaching: Secondary School Mathematics and Science (2)

Supervised internship in teaching in a middle, junior, or senior high school, grades 7-12. Examination of the interrelationships of teachers, children, and curriculum as reflected in the classroom learning environment. One or more conference hours per week. The department.

Open to seniors only.

Prerequisites: Psychology 105; Education 235, 263, 290, 380; Education 392. (Ungraded only.) Permission of instructor.

374a. Student Teaching: Secondary School English (2)

Supervised internship in teaching in a middle, junior, or senior high school, grades 7-12. Examination of the interrelationships of teachers, children, and curriculum as reflected in the classroom learning environment. One or more conference periods per week. The department.

Open to seniors only.

Prerequisites: Psychology 105; Education 235, 263, 290, 380; Education 394. (Ungraded only.) Permission of instructor.

376a. Student Teaching: Secondary School Social Studies (2)

Supervised internship in teaching in a middle, junior or senior high school, grades 7-12. Examination of the interrelationships of teachers, children, and curriculum as reflected in the classroom learning environment. One or more conference hours per week. The department.

Open to seniors only.

Prerequisites: Psychology 105; Education 235, 263, 290, 380; Education 396. (Ungraded only.) Permission of instructor.

380b. Adolescent Literacy (1)

This course examines the development of adolescent literacy within the various content fields. Special focus is placed upon understanding the literacy process, identifying and modifying materials to support adolescent literacy development, and selecting curricular strategies that meet the needs of diverse learners. Instructor to be announced.

Prerequisites: Psychology 105; Education 235, 263. Permission of instructor.

One 2-hour period.

390b. Secondary School Teaching: Methods in Foreign Languages (1)

A seminar in the methods of teaching and development of curriculum in foreign languages in the secondary school. Special emphasis is placed on the relation of effective learning to motivation, to adolescent development, and to individual needs. Discussion of currently evolving theories of instruction in the secondary schools. The department.

Prerequisites: Psychology 105; Education 235, 263, 290, 380. Permission of instructor.

One 2-hour period.

392b. Secondary School Teaching: Methods in Mathematics and Science (1)

Seminar in the methods and materials used in a secondary school science and mathematics program. Examination of current trends in application of learning theories related to those subject areas. Emphasis placed on expanding of student view of educational problem solving by exploration of instructional alternatives. The department.

Prerequisites: Psychology 105; Education 235, 263, 290, 380. Permission of instructor.

One 2-hour period.

394b. Secondary School Teaching: Methods in English (1)

A seminar in the methods of teaching and development of curriculum in English in the secondary school. Special emphasis is placed on curriculum development, assessment, and meeting the needs of diverse learners. Attention is given to the relationship of effective learning to adolescent development and motivation. The department.

Prerequisites: Psychology 105; Education 235, 263, 290, 380. Permission of instructor.

One 2-hour period.

396b. Secondary School Teaching: Methods in the Social Studies (1)

Seminar in the methods and materials of secondary school social studies teaching. Special emphasis will be placed on curriculum development. Specific attention given to the selection of materials and the exploration of innovative teaching techniques. The department.

Prerequisites: Psychology 105; Education 235, 263, 290, 380. Permission of instructor.

One 2-hour period.

399a or b. Senior Independent Work (½ or 1)

Special permission. The department.

English

Professors: Mark C. Amodio, Beth Darlington, Robert DeMaria, Jr. (Chair), Donald Foster, Ann E. Imbrie^{ab}, Colton Johnson, Michael Joyce^a, Paul Kane^{ab}, Amitava Kumar, Barbara Page^a, H. Daniel Peck, Paul Russell, Patricia Wallace; **Associate Professors:** Peter Antelyes^b, Susan Brisman, Heesok Chang, Leslie Dunn^{ab}, Wendy Graham, Jean Kane^b, E. K. Weedin, Jr., Susan Zlotnick; **Assistant Professors:** Eve Dunbar, Kiese Laymon, Zoltan Markus^b, Tyrone Simpson, Laura Yow; **Adjunct Associate Professors:** Dean Crawford, Marsha Mark, Judith Nichols, Karen Robertson; **Adjunct Assistant Professors:** Joanne Long, David Means, Julie Rose, **Adjunct Instructors:** Joshua Harmon, Kristie Carter; **Writing Specialist:** Natalie Friedman.

Requirements for Concentration: A minimum of twelve units, comprising either eleven graded units and an ungraded senior tutorial, or twelve graded units including a senior seminar in the English 380 range of course offerings. Four units, including either the tutorial or the English 380 seminar, must be elected at the 300-level. At least six units, including either the senior tutorial or the English 380 seminar, must be taken at Vassar. No AP credit or course taken for NRO may be counted toward the requirements for the major.

Historical Distribution: Majors are required to take English 220 / 221. (Prospective majors are strongly advised to take this foundational course in their sophomore year.) Majors are also required to take two additional units of work in literature written before 1800 and one additional unit of work in literature written before 1900.

Recommendations: English 101 and 170 are strongly recommended as foundational courses, and students are also strongly encouraged to work from the 200 to the 300-level in at least one field of study. Acquaintance with a classical language (Latin or Greek) or with one or more of the languages especially useful for an understanding of the history of English (Old English, German, or French) is useful, as are appropriate courses in philosophy, history, and other literatures.

Further information: Applicants for English 209-210 (Narrative Writing), English 211-212 (Verse Writing), and English 305-306 (Senior Composition), must submit samples of their writing before spring break. Details about these deadlines, departmental procedures, and current information on course offerings may be found on the department website and in the department office.

Correlate Sequences in English: The department offers five correlates in English. Race and Ethnicity; Literary Theory and Cultural Studies; Poetry and Poetics; British Literary History, and American Literary History. Further information is available in the department office.

I. Introductory Courses

101a or b. The Art of Reading and Writing (1)
Development of critical reading in various forms of literary expression, and regular practice in different kinds of writing. The content of each section varies; see the *Freshman Handbook* for descriptions. The department.

Open only to freshmen; satisfies college requirement for a Freshman Course.

Although the content of each section varies, this course may not be repeated for credit; see the *Freshman Handbook* for descriptions.

170a or b. Approaches to Literary Studies (1)
Each section explores a central issue, such as “the idea of a literary period,” “canons and the study of literature,” “nationalism and literary form,” or “gender and genre” (contact the department office for 2006/07 descriptions). Assignments focus on the development of skills for research and writing in English, including the use of secondary sources and the critical vocabulary of literary study. The department.

Open to freshmen and sophomores, and to others by permission; does not satisfy college requirement for a Freshman Course.

^{ab} Absent on leave for the year.

^a Absent on leave, first semester.

^b Absent on leave, second semester.

172-178. Special Topics

(½)

Courses listed under these numbers are designed to offer to a wide audience a variety of literary subjects that are seldom taught in regularly offered courses. The courses are six weeks in length and held during the second half of the semester; the subjects they cover vary from year to year. Enrollment is unlimited and open to all students. Instructors lecture when the classes are too large for the regular seminar format favored in the English department. Does not satisfy Freshman Course requirement. These courses are ungraded and do not count toward the major. May be repeated.

177a or b. Major Author: James Baldwin

(½)

(Same as Africana Studies 177) This course is an interactive lecture and discussion on the life, meaningful death, and nonfictive work of James Baldwin. Students are expected actively to critique and contextualize Baldwin's nonfiction, while attempting to apply much of Baldwin's work to contemporary American and World culture. Texts may include, but not be limited to *The Fire Next Time*, *Nobody Knows My Name*, *Notes of a Native Son*, *Conversations with James Baldwin*, and *The Devil Finds Work*. Mr. Laymon.

178a or b. Major Author: Charles Dickens

(½)

Charles Dickens was a major literary force of mid-nineteenth-century England. As novelist and storyteller, journalist and editor, entertainer and social critic, he exerted far-reaching influence. We read two or three novels (including perhaps *Nicholas Nickleby*, *David Copperfield*, and *Our Mutual Friend*) and read selections from other fiction; we look at the Dickens's journals, *All the Year Round* and *Household Words*; and we look at other nineteenth-century texts, such as Henry Mayhew's *London Labour and the London Poor*, for further illustration of the world Dickens was interpreting. Ms. Long.

II. Intermediate

Prerequisite: open to sophomores, juniors, and seniors with one unit of 100-level work or by permission of the associate chair. Students applying for permission to elect 200-level work without the prerequisite must present samples of their writing to the associate chair. Freshmen with AP credit may elect 200-level work after consultation with the department and with the permission of the instructor. First-year students who have completed English 101 may elect 200-level work with permission of the instructor. Intermediate writing courses are not open to freshmen.

205a or b. Composition

(1)

Study and practice of various forms of prose and poetry. Reading and writing assignments may include prose fiction, journals, poetry, drama, and essays. The a-term course is open by special permission to sophomores regardless of major, in order of draw numbers, and to juniors and seniors, in order of draw numbers, with priority given to English majors. The b-term course is open by special permission to sophomores, juniors, and seniors, in order of draw numbers, with priority given to English majors. To gain special permission, students must fill out a form in the English department office during pre-registration.

One 2-hour period and individual conferences with the instructor.

206a or b. Composition

(1)

Open to any student who has taken English 205 or an equivalent course.

Special permission is not required.

One 2-hour period and individual conferences with the instructor.

207a or b. Literary Nonfiction

(1)

Study and practice of literary nonfiction in various formats. Reading and writing assignments may include personal, informal, and lyric essays, travel and nature writing; and memoirs. Frequent short writing assignments. Mr. Kumar.

One 2-hour period and individual conferences with the instructor.

208b. Literary Nonfiction (1)

Development of the student's abilities as a reader and writer of literary nonfiction, with emphasis on longer forms. Ms. Mark

Prerequisite: open to students who have taken English 207 or by permission of the instructor.

One 2-hour course and individual conferences with the instructor.

209-210. Narrative Writing (1)

Development of the student's abilities as a writer and reader of narrative, with particular emphasis on the short story. Mr. Laymon.

Deadline for submission of writing samples is before spring break.

One 2-hour period and individual conferences with the instructor.

211-212. Verse Writing (1)

Development of the student's abilities as a writer and reader of poetry. Ms. Wallace.

Deadline for submission of writing samples is before spring break.

One 2-hour period and individual conferences with the instructor.

[213. The English Language] (1)

Study of the history of English from the fifth century to the present, with special attention to the role of literature in effecting as well as reflecting linguistic change. Treatment of peculiarly literary matters, such as poetic diction, and attention to broader linguistic matters, such as phonology, comparative philology, semantics, and the relationship between language and experience.

Not offered in 2006/07.

[215. Forms of Drama] (1)

Study of selected dramatic texts that mark important moments in the history and development of dramatic literature in English, from the mystery cycles of the middle ages to the present day. Particular attention will be paid to the evolution of specific dramatic forms as influenced by development and change in literary and cultural aesthetics, in drama's social and historical purposes, and in theories surrounding the nature and function of theatrical and literary representation. Readings may be drawn from such playwrights as the Wakefield Master, Marlowe, Jonson, Behn, Dryden, Gay, Shaw, Beckett, O'Neill, Churchill.

Not offered in 2006/07.

[217. Literary Theory and Interpretation] (1)

A study of various critical theories and practices ranging from antiquity to the present day.

Not offered in 2006/07.

218b. Literature, Gender, and Sexuality (1)

(Same as Women's Studies 218) This course considers matters of gender and sexuality in literary texts, criticism, and theory. The focus varies from year to year, and may include study of a historical period, literary movement, or genre; constructions of masculinity and femininity; sexual identities; or representations of gender in relation to race and class.

Topic for 2006/07: *Black Feminism*. This course examines the development and history of black feminism in the United States. Through reading works of fiction, memoir, and theory, we explore the central concerns of the black feminist movement, and consider black feminism's response to Civil Rights, Black Nationalism, and white feminism. Authors may include Anna Julia Cooper, Angela Davis, bell hooks, Audre Lorde, Toni Morrison, and others. Ms. Dunbar.

220/221. British and American Literature Origins to the Early Twentieth Century (1)

Study of British and American literatures in their historical and cultural contexts, from the medieval to the modern era. Multiple sections with lectures shared among

the seminar leaders.

Two 50-minute lectures.

One 75-minute seminar.

225a. American Literature, Origins to 1865 (1)

Study of the main developments in American literature from its origins through the Civil War: including Native American traditions, exploration accounts, Puritan writings, captivity and slave narratives, as well as major authors from the eighteenth century (such as Edwards, Franklin, Jefferson, Rowson, and Brown) up to the mid-nineteenth century (Irving, Cooper, Poe, Emerson, Hawthorne, Fuller, Stowe, Thoreau, Douglass, Melville, Whitman, and Dickinson).

226. American Literature, 1865-1925 (1)

Study of the major developments in American literature and culture from the late nineteenth to the early twentieth century. Literary movements such as realism, naturalism, regionalism, and modernism are examined, as well as literatures of ethnicity, race, and gender. Works studied are drawn from such authors as Twain, Howells, James, Jewett, Chestnutt, Chopin, Crane, London, Harte, DuBois, Gilman, Adams, Wharton, Dreiser, Pound, Eliot, Stein, Yeziarska, Fitzgerald, Hemingway, O'Neill, Frost, H. D., and Toomer. Mr. Simpson.

227a. African American Literature, Origins to 1946

(Same as Africana Studies 227) This course examines the origins of black literature in America. Our exploration begins with West African and African-American oral texts: chants, sorrow songs, hymns, sermons, folk tales. Particular attention is paid to the lyrics of Phyllis Wheatley and the political discourse of such figures as Ida B. Wells, Maria Stewart, and David Walker. We also examine the textured autobiographies of writers like Frederick Douglass, Harriet Wilson, and Harriet Jacobs before studying the early African-American novel. Reading the works of writers like Charles Chestnutt, James Weldon Johnson, and Jessie Fauset we hope to understand how these written texts created their own aesthetic principles while interacting with dominant literary traditions of the day. Ms. Dunbar.

228b. African-American Literature, 1946-present (1)

(Same as Africana Studies 228) Beginning with the literature of social realism we cover almost sixty years of African-American Literature, including some of the major critical discourses (modernism, protest fiction, the black arts movement, postmodernism) that have guided its development over the past century. This course seeks to identify literary characteristics that have evolved out of the culture and contemporary experience of black people in America. One of our goals is to better understand how black literature created its own aesthetic principles in its interaction with the dominant literary traditions of the day. Ms. Dunbar.

229a. Asian-American Literature, 1946-present (1)

Such topics as memory, identity, liminality, community, and cultural and familial inheritance within Asian-American literary traditions. May consider Asian-American literature in relation to other ethnic literatures.

230b. Latina and Latino Literature in the U.S. (1)

(Same as Latin American and Latino/a Studies 230) This literature engages a history of conflict, resistance, and *mestizaje*. For some understanding of this embattled context, we examine transnational migration, exile, assimilation, bilingualism, and political and economic oppression as these variously affect the means and modes of the texts under consideration. At the same time, we emphasize the invented and hybrid nature of Latina and Latino literary and cultural traditions, and investigate the place of those inventions in the larger framework of American intellectual and literary traditions, on the one hand, and *pan-latinidad*, on the other. Authors studied may include Americo Paredes, Piri Thomas, Cherrie Moraga, Richard Rodriguez, Michelle Serros, Cristina Garcia, Ana Castillo, and Junot Diaz.

- 231b. Native American Literature** (1)
Drawing from a wide range of Native American traditions, this course explores the rich heritage of our earliest literature. Material for study may comprise oral traditions (myths, legends, place naming and story telling) as well as contemporary fiction, non-fiction and poetry. Authors may include Zitkala Sa, Black Elk, N. Scott Momaday, Leslie Silko, Louise Erdrich, Simon Ortiz, Sherman Alexie, and Joy Harjo. Ms. Nichols.
- 235a. Old English** (1)
Introduction to Old English language and literature. Mr. Amodio.
- 236b. Beowulf** (1)
Intensive study of the early English epic in the original language. Mr. Amodio.
Prerequisite: English 235 or demonstrated knowledge of Old English, or permission of the instructor.
- 237b. Chaucer** (1)
The major poetry, including *The Canterbury Tales*. Mr. Amodio.
- [238. Middle English Literature]** (1)
Studies in late medieval literature (1250-1500), drawing on the works of the *Gawain*-poet, Langland, Chaucer, and others. Genres studied may include lyric, romance, drama, allegory, and vision.
Not offered in 2006/07.
- 239a. Renaissance Drama** (1)
A study of major Renaissance works for the stage exclusive of Shakespeare's plays. Mr. Markus.
- 240a or b. Shakespeare** (1)
Study of some representative comedies, histories, and tragedies. Mr. Weedon, Ms. Robertson.
Not open to students who have taken English 241-242.
- 241-242. Shakespeare** (1)
Study of a substantial number of the plays, roughly in chronological order, to permit a detailed consideration of the range and variety of Shakespeare's dramatic art. Mr. Foster.
Not open to students who have taken English 240.
- 245b. Pride and Prejudice: British Literature from 1640-1745** (1)
Study of various authors who were influential in defining the literary culture and the meaning of authorship in the period. Authors may include Aphra Behn, John Dryden, Anne Finch, John Gay, Eliza Haywood, Mary Leapor, Katherine Philips, Alexander Pope, Jonathan Swift, and Lady Mary Wortley Montagu.
- 246a. Sense and Sensibility: British Literature from 1745-1798** (1)
Study of the writers who represented the culmination of neoclassical literature in Great Britain and those who built on, critiqued, or even defined themselves against it. Authors may include Samuel Johnson, James Boswell, Edmund Burke, William Beckford, William Cowper, Olaudah Equiano, Hester Thrale Piozzi, Mary Wollstonecraft, Ann Radcliffe, Anne Yearsley, and Hannah More.
- [247. Eighteenth-Century British Novels]** (1)
Readings vary but include works by such novelists as Defoe, Richardson, Fielding, Smollett, Sterne, and Austen.
Not offered in 2006/07.

- 248a. The Age of Romanticism, 1789-1832** (1)
Study of British literature in a time of revolution. Authors may include such poets as Blake, Wordsworth, and Keats; essayists such as Burke, Wollstonecraft, Hazlitt, Lamb, and DeQuincey; and novelists such as Edgeworth, Austen, Mary Shelley, and Scott. Ms. Darlington.
- [249. Victorian Literature: Culture and Anarchy]** (1)
Study of Victorian culture through the prose writers of the period. This course explores the strategies of nineteenth-century writers who struggled to find meaning and order in a changing world. It focuses on such issues as industrialization, the woman question, imperialism, aestheticism, and decadence, paying particular attention to the relationship between literary and social discourses. Authors may include nonfiction prose writers such as Carlyle, Ruskin, Arnold, Pater, and Wilde as well as fiction writers such as Disraeli, Gaskell, Dickens, Mary Elizabeth Braddon, George Eliot, and Arthur Conan Doyle.
Not offered in 2006/07.
- 250a. Victorian Poets: Eminent, Decadent, and Obscure** (1)
A study of Romantic impulses and Victorian compromises as expressed in the major poems of Tennyson, Browning, Arnold, Dante Gabriel Rossetti, and Swinburne. The second half of the course turns from economies of the aesthetic to material conditions of the literary marketplace and to challenges met and posed by women writers such as Felicia Hemans, Letitia Elizabeth Landon, Elizabeth Barrett Browning, Emily Brontë, Christina Rossetti, Michael Field (Katherine Bradley and Edith Cooper), and Alice Meynell. Some preliminary study of romantic poetry is strongly recommended. Mrs. Brisman.
- 251a. The Black Woman as Novelist** (1)
(Same as Africana Studies 251)
- 252b. Writing the Diaspora** (1)
(Same as Africana Studies 252)
- 255a. Nineteenth-Century British Novels** (1)
Readings vary but include works by such novelists as Scott, Dickens, Thackeray, the Brontës, Trollope, George Eliot, and Hardy. Ms. Zlotnick.
- [256. Modern British and Irish Novels]** (1)
Significant twentieth-century novels from Great Britain and Ireland.
Not offered in 2006/07.
- 257b. The Novel in English after 1945** (1)
The novel in English as it has developed in Africa, America, Australia, Canada, the Caribbean, Great Britain, India, Ireland and elsewhere. Mr. Crawford.
- [260. Modern British Literature, 1901-1945]** (1)
Study of representative modern works of literature in relation to literary modernism. Consideration of cultural crisis and political engagement, with attention to the Great War as a subject of memoir, fiction, and poetry, and to the new voices of the thirties and early forties. Authors may include Hardy, Yeats, Eliot, Lawrence, Woolf, Conrad, Graves, Vera Brittain, Rebecca West, Orwell, and Auden.
Not offered in 2006/07.
- [261. The Literary Revival in Ireland, 1885-1922]** (1)
Study of the background and growth of national expression in Ireland between 1885 and 1922, with emphasis on Yeats, A. E., Synge, Lady Gregory, and Sean O'Casey.
Not offered in 2006/07.

262a. Postcolonial Literatures (1)
 Study of contemporary literature written in English from Africa, Australia, Canada, the Caribbean, the Indian subcontinent and elsewhere. Readings in various genres by such writers as Chinua Achebe, Margaret Atwood, Janet Frame, Nadine Gordimer, V. S. Naipaul, Salman Rushdie, Derek Walcott, Patrick White. Some consideration of postcolonial literary theory. Ms. Kane.

[265. Selected Author] (1)
 Study of the work of a single author. The work may be read in relation to literary predecessors and descendants as well as in relation to the history of the writer's critical and popular reception. This course alternates from year to year with English 365.
 Not offered in 2006/07.

[270. Harlem Renaissance] (1)
 (Same as Africana Studies 270)
 Not offered in 2006/07.

275b. Caribbean Discourse (1)
 (Same as Africana Studies 275)

290. Field Work (½ or 1)
 Prerequisite: 2 units of 200-level work in English, and by permission of the associate chair. 1 unit of credit given only in exceptional cases.

298a or b. Independent Study (½ or 1)
 Prerequisite: 2 units of 200-level work in English, and by permission of the associate chair. 1 unit of credit given only in exceptional cases.

III. Advanced

Prerequisite: Open to juniors and seniors with 2 units of 200-level work in English; or, for juniors and seniors without this prerequisite, 2 units of work in allied subjects and permission from the associate chair.

300 a or b. Senior Tutorial (1)
 Preparation of a long essay (40 pages) or other independently designed critical project. Each essay is directed by an individual member of the department.
 Special permission.

305-306. Composition (1)
 Advanced study and practice of various forms of prose and poetry. Open in the senior year to students concentrating in English. Deadline for submission of writing samples immediately before spring break. Mr. Russell.

315a. Studies in Poetry (1)
 Advanced study of selected topics in the history and theory of poetry, exploring a range of interpretive contexts for understanding individual poems. Discussions may consider such issues as the poetic canon, attacks on the defenses of poetry, and the boundaries of what constitutes poetry itself. The course includes both poetry and criticism, and may focus upon a particular period, genre, poet, or poetic tradition. Mrs. Brisman.
 Topic for 2006/07: Spenser's *Faerie Queene*.

317b. Studies in Literary Theory (1)
 Advanced study of problems and schools of literary criticism and theory, principally in the twentieth century. May include discussion of new criticism, structuralism, deconstruction, reader-response theory, new historicism, and Marxist, psychoanalytic, phenomenological, and feminist analysis. Ms. Graham.

- 319a. Race and Its Metaphors** (1)
 (Same as Africana Studies 319) Re-examination of canonical literature in order to discover how race is either explicitly addressed by or implicitly enabling to the texts. Does racial difference, whether or not overtly expressed, prove a useful literary tool? The focus of the course varies from year to year. Ms. Yow.
- 320a. Traditions in the Literature of England and America** (1)
 The course studies varied attempts by writers to imagine human conduct and speech that is heroic and yet not ridiculous in the time and landscape of the writer and the reader. The writers read may include Homer, Virgil, Chaucer, Spenser, Shakespeare, Milton, Radcliffe, Austen, Twain, Faulkner, Cheever, and Angelou. Mr. Weedin.
- 325b. Studies in Genre** (1)
 An intensive study of specific forms or types of literature, such as satire, humor, gothic fiction, realism, slave narratives, science fiction, crime, romance, adventure, short story, epic, autobiography, hypertext, and screenplay. Each year, one or more of these genres is investigated in depth. The course may cross national borders and historical periods or adhere to boundaries of time and place. Mr. Simpson.
- 326b. Studies in Ethnic American Literature** (1)
 Exploration of literature by members of American ethnic groups, such as Asian-American, Latina/o, Jewish-American, and other literatures. The content may vary from year to year, from works by writers of one particular group to a comparison of works from two or more groups. Readings cover a number of different genres, as well as historical, critical and theoretical writings which place the works in the contexts of the ethnic experience and discussions about the nature of American ethnicity.
- 328a. Literature of the American Renaissance** (1)
 Intensive study of major works by American writers of the mid-nineteenth century. Authors may include: Cooper, Poe, Hawthorne, Emerson, Thoreau, Douglass, Fuller, Stowe, Delany, Wilson, Melville, Whitman, and Dickinson. In addition to placing the works in historical and cultural context, focusing on the role of such institutions as slavery and such social movements as transcendentalism, the course also examines the notion of the American Renaissance itself. Mr. Peck.
- 329b. American Literary Realism** (1)
 Exploration of the literary concepts of realism and naturalism focusing on the theory and practice of fiction between 1870 and 1910, the first period in American literary history to be called modern. The course may examine past critical debates as well as the current controversy over realism in fiction. Attention is given to such questions as what constitutes reality in fiction, as well as the relationship of realism to other literary traditions. Authors may include Henry James, Mark Twain, Stephen Crane, Charles Chestnutt, Edith Wharton, Theodore Dreiser, and Willa Cather. Ms. Graham.
- 330b. American Modernism** (1)
 Intensive study of modern American literature and culture in the first half of the twentieth century, with special attention to the concept of "modernism" and its relation to other cultural movements during this period. Authors may include Dreiser, Wharton, Cather, Frost, Anderson, Millay, Pound, Stein, Hemingway, Fitzgerald, O'Neill, H. D., Faulkner, Wright, Eliot, Williams, Moore, Stevens, Crane, Yeziarska, Toomer, Hughes, Cullen, Brown, Hurston, McKay, Steinbeck, and Dos Passos.
- 331a. Post-modern American Literature** (1)
 Advanced study of American literature in the second half of the twentieth century. Authors may include Welty, Ellison, Warren, O'Connor, Olson, Momaday, Mailer, Lowell, Bellow, Percy, Nabokov, Bishop, Rich, Roth, Pynchon, Ashbery, Merrill, Reed, Silko, Walker, Morrison, Gass, and Kingston. Ms. Dunbar, Mr. Anteleyes.

- 340a. Studies in Medieval Literature** (1)
 Intensive study of selected medieval texts and the questions they raise about their context and interpretation. Issues addressed may include the social and political dynamics, literary traditions, symbolic discourses, and individual authorial voices shaping literary works in this era. Discussion of these issues may draw on both historical and aesthetic approaches, and both medieval and modern theories of rhetoric, reference, and text-formation. Mr. Amodio.
 Topic for 2006/07: *The Middle English Romance*.
- 341b. Studies in the Renaissance** (1)
 Intensive study of selected Renaissance texts and the questions they raise about their context and interpretation. Mr. Foster.
 Topic for 2006/07: *Reconstructing the Renaissance*.
- 345b. Milton** (1)
 Study of John Milton's career as a poet and polemicist, with particular attention to *Paradise Lost*. Mr. Weedon.
- [350. Studies in Eighteenth-century British Literature]** (1)
 Focuses on a broad literary topic such as satire, with special attention to works of the Restoration and eighteenth century, and a consideration of the genre of satire as a way of understanding the world; or sensibility and the Gothic, a study of the origins of these literary trends and of their relationship to each other, with some attention to their later development.
 Not offered in 2006/07.
- [351. Studies in Nineteenth-Century British Literature]** (1)
 Study of a major author (e.g., Coleridge, George Eliot, Oscar Wilde) or a group of authors (the Brontës, the Pre-Raphaelite poets and painters) or a topical issue (representations of poverty; literary decadence; domestic angels and fallen women; transformations of myth in Romantic and Victorian literature) or a major genre (elegy, epic, autobiography).
 Not offered in 2006/07.
- 352a, 353b. Romantic Poets** (1)
 Intensive study of the major poetry and critical prose of Blake, Wordsworth, and Coleridge (first semester), and Byron, Shelley, and Keats (second semester) in the context of Enlightenment thought, the French Revolution, and the post-Napoleonic era. Readings may include biographies, letters, and a few philosophical texts central to the period. Some preliminary study of Milton is strongly recommended. Mrs. Brisman.
- [355. Modern Poets]** (1)
 Intensive study of selected modern poets, focusing on the period 1900-1945, with attention to longer poems and poetic sequences. Consideration of the development of the poetic career and of poetic movements. May include such poets as Auden, Bishop, Eliot, Frost, Hopkins, Moore, Pound, Stein, Stevens, Williams, and Yeats.
 Not offered in 2006/07.
- 356b. Contemporary Poets** (1)
 Intensive study of selected contemporary poets, with attention to questions of influence, interrelations, and diverse poetic practices. May include such poets as Ashbery, Bernstein, Brooks, Graham, Harjo, Heaney, Hill, Merrill, Rich, and Walcott. Ms. Page.
- 357a. Studies in Twentieth-Century Literature** (1)
 Intensive study of literatures of the twentieth century, with primary focus on British and postcolonial (Irish, Indian, Pakistani, South African, Caribbean, Australian, Canadian, etc.) texts. Selections may focus on an author or group of authors, a genre (e.g., modern verse epic, drama, satiric novel, travelogue), or a topic (e.g., the eco-

nomics of modernism, black Atlantic, Englishes and Englishness, themes of exile and migration). Mr. Chang.

362a or b. Text and Image (1)

Explores intersections and interrelationships between literary and visual forms such as the graphic novel, illustrated manuscripts, tapestry, the world-wide web, immersive environments, the history and medium of book design, literature and film, literature and visual art. Topics vary from year to year.

English 362a. Woven Stories: Medieval Texts and Tapestries (1)

Intensive study of selected medieval texts and tapestries and the relationships between them. Tapestries include important series such as the *Apocalypse*, *Courtiers in a Rose Garden*, *Los Honores*, and the *Hunt of the Unicorn*. The texts, drawn from a variety of genres, include *Everyman*, *Sir Gawain and the Green Knight*, *The Romance of the Rose* and selections from bestiaries, herbals, and Middle English lyrics. Portions of the *Iliad* and the Bible will also be read. Questions pertaining to theories of narratology and iconography will be explored. Students are taught how to design and weave a small medieval-style tapestry. Field trips to the Metropolitan Museum of Art and the Cloisters are scheduled. Ms. Willard and Ms. Tina Kane.

[362b. Visual Translations of American Literature] (1)

In this course we examine the complex ways in which images in painting, photography, and film translate literary texts in American literature, from the nineteenth century to the present day. How, for example, do Tim Burton's film *The Legend of Sleepy Hollow* and Michael Mann's film *The Last of the Mohicans* illuminate or subvert the "classic" nineteenth-century texts from which they derive? How do movements in art such as Luminism, or plein air oil painting, speak to Thoreau's *Walden*? What is the relationship between modernist texts like Fitzgerald's *The Great Gatsby*, Toomer's *Cane*, or Hart Crane's *The Bridge* to photography, painting, and film of their era? In what particular ways do Georgia O'Keeffe's paintings of the American southwest illuminate the text of Mary Austin's *Land of Little Rain*? Can contemporary installation art, such as perishable earthworks, be considered profitably alongside improvisatory "talk-poems," such as those by David Antin? In such a series of dialogues between images and texts, consideration is given both to the comparisons, as such, and to the methodologies of making those comparisons. Mr. Peck.

Not offered in 2006/07.

365. Selected Author (1)

Study of the work of a single author. The work may be read in relation to literary predecessors and descendants as well as in relation to the history of the writers's critical and popular reception. This course alternates from year to year with English 265. Mr. Russell.

Topic for 2006/07: *James Joyce*.

370a. Transnational Literature (1)

This course focuses on literary works and cultural networks that cross the borders of the nation-state. Such border-crossings raise questions concerning vexed phenomena such as globalization, exile, diaspora, and migration—forced and voluntary. Collectively, these phenomena deeply influence the development of transnational cultural identities and practices. Specific topics studied in the course vary from year to year and may include global cities and cosmopolitanisms; the black Atlantic; border theory; the discourses of travel and tourism; global economy and trade; or international terrorism and war.

Topic for 2006/07: *War*. War by its very nature often involves a contest over borders and national boundaries. As we can see in the case of Iraq, war relies on a mobilization of armies to distant lands; for the victims of conflict, turned often into exiles and refugees, there is another kind of movement that results from war's terrible violence. If war is a global phenomenon, in what ways can the response to war be global too? This course examines writing produced in the context of war over the past hundred years.

We return again and again to the experience of violence and ask how we remember and how we act-and therefore how we live. Texts may include *Periodic Table* by Primo, Levi, W.G. Sebald's *Austerlitz*, *A Woman in Berlin* by Anonymous, Hannah Arendt's *On Violence*, *Homage to Catalonia* by George Orwell, John Hersey's *Hiroshima*, Michael Herr's *Dispatches*, Susan Sontag's *Regarding the Pain of Others*, *The English Patient* by Michael Ondaatje, Uzodenma Iweala's *Beasts of No Nation*, and Anthony Swofford's *Jarhead*, as well as short stories by Stephen Crane, Ernest Hemingway, Danilo Kis, Tobias Wolff, Ha Jin, and George Saunders. In addition, essays and reports by Walter Benjamin, Edward Said, Elaine Scarry, Urvashi Butalia, Antjie Krog, Eliot Weinberger, John Sifton, and others. Mr. Kumar.

380-389 a or b. Advanced Literary Study (1)

The content and the requirements for the completion of the work in each section vary from year to year. Permission of the instructor required. Forms for requesting permission are available in the department office.

Enrollment is limited to 12.

380a. Cannibals and Christians: Representations of the Primitive (1)

This interdisciplinary seminar examines the primitive as a production of Western knowledge and sets against it other ways of knowing the world. We begin by investigating the basis of categories central to the opposition of "primitive" and "civilized"—such as orality and textuality, myth and religion, ritual performance and representation—before we turn to their formulation in the West, beginning with Montaigne's "Of Cannibals." After a grounding in the imperial British and French epochs, the seminar examines their influence on twentieth-century art, literature, and institutions, among them postcards, museums, and world fairs. The final section of the class investigates some of the ways in which the subjects of these representations have claimed them to imagine new forms of agency and art. Among the works we study are Malek Alloula's *The Colonial Harem*, Donna Haraway's *Primate Visions*, D. H. Lawrence's *Women in Love*, Edgar Rice Burroughs's *Tarzan*, Franz Fanon's *Black Skin, White Masks*, Wole Soyinka's *Death and the King's Horseman*, Ben Okri's *The Famished Road*, the Museum of Modern Art's controversial 1980 exhibition of primitive art, and Coco Fusco's performance installation, documented in the video *The Couple in the Cage*. Ms. Kane.

381a. The Brontë Sisters (1)

The aims of this course are two-fold: a detailed study of the major works of Anne, Emily, and Charlotte Brontë as well as an examination of the interpretive frameworks through which the sisters' novels and poems have been read. We acquaint ourselves with the different critical lenses through which the Brontës have been viewed (e.g., biographical, feminist, historicist, postcolonial), in order to explore the ways in which the "meaning" of the Brontë sisters and their writings has evolved over time. Primary readings include *Jane Eyre*, *Shirley*, *Villette*, *Wuthering Heights*, *The Tenant of Wildfell Hall*, the Brontës' poetry and Elizabeth Gaskell's *Life of Charlotte Brontë*. Ms. Zlotnick.

384b. Rewriting the Text: Writing New Words from Old (1)

Save for one's own neologisms, all our language is received. How can one write newly in language that was devised by the past in order to speak in and to its time? Can one ignore a language's literature and make a fresh start with old words? Does one need to know the past of a language in order to write in its present? Authors studied in the course know earlier authors' works, which they use to make new fictions. The authors may include Homer, Virgil, Shakespeare, Dryden, Milton, Pope, Radcliffe, Austen, Malory, Twain, Forster, and Cheever. Mr. Weedon.

385b. Poetry as Public Speech: Yeats's later poems, essays and broadcasts (1)

Writing on "Public Speech and Private Speech in Poetry" in 1938, the American poet Archibald MacLeish praised W.B. Yeats as the supremely "modern" poet in English, declaring Yeats's poetry, "the first poetry in English in more than a century in which the poem is again an act upon the world... the first poetry in generations which can cast a shadow in the sun of actual things." Yeats had been concerned with the public

role of poetry at least since his essays of the 1890's on "popular poetry," and he had been presenting programs of his poetry and his thoughts about "modern poetry" since 1935 in radio broadcasts for the BBC. Through close study of the poetry, beginning generally with the volume of 1916 called *Responsibilities*, later essays, and manuscripts, typescripts, and reading scripts of his broadcasts, this seminar explores the evolution of Yeats's public voice and the roles of public speech and personal experience in English poetry in the first half of the twentieth century. Mr. Johnson.

386b. Work

(1)

This seminar is devoted to an understanding of labor. The search for work is an extremely powerful engine of change. How have writers written about work? Do working people describe their labor very differently? How does work work, and how has its nature changed? The required texts in the first part of the seminar include *Hard Times* by Charles Dickens, John Steinbeck's *The Grapes of Wrath*, Studs Terkel, *Working, Nickle and Dimed* by Barbara Ehrenreich, and a screening of Michael Moore's documentary, "Roger and Me"; in the latter half, we take a closer look at migrant labor as well as newer forms of globalization, and the required texts in this part of the course are Sam Selvon's, *Lonely Londoners*, John Berger's, *A Seventh Man*, Hari Kunzru's *Transmission*, Richard Rodriguez's essay, "Illegal Immigrants," Isabel Hilton's report, "Made in China," and a screening of the feature film *Dirty Pretty Things* by Stephen Frears. Mr. Kumar.

399 a or b. Senior Independent Work

(½ or 1)

Open by permission of the Chair.

One unit of credit given only in exceptional cases.

Environmental Studies

Director: Margaret L. Ronsheim; **Steering Committee:** Pinar Batur (Sociology), Marianne H. Begemann (Chemistry), Mary Ann Cunningham (Geography), Jeffrey Cynx (Psychology), Kathleen Hart (French), Lucy Lewis Johnson (Anthropology), John Bertrand Lott (Classics), Brian G. McAdoo (Geology), Kirsten Menking (Geology), Elizabeth Paravisini-Gebert (Hispanic Studies), H. Daniel Peck (English), Anne Pike-Tay (Anthropology), A. Marshall Pregnall (Biology), Margaret L. Ronsheim (Biology), Peter G. Stillman (Political Science), Jeffrey R. Walker (Geology); **Participating Faculty:** Mark W. Andrews (French), Pinar Batur (Sociology), Marianne H. Begemann (Chemistry), Stuart L. Belli (Chemistry), Lisa Brawley (Urban Studies), Lynn T. Capozzoli (Education), Randolph Cornelius (Psychology), Mary Ann Cunningham (Geography), Jeffrey Cynx (Psychology), Andrew Davison (Political Science), Rebecca Edwards (History), Robert Fritz (Biology), Brian J. Godfrey (Geography), Michael P. Hanagan (History), Kathleen Hart (French), Richard Hemmes (Biology), Maria Hoehn (History), Lucy Lewis Johnson (Anthropology), Michael Joyce (English), Paul Kane (English), Timothy H. Koechlin (Economics), Kiese M. Laymon (English), John H. Long Jr. (Biology), John Bertrand Lott (Classics), Jennifer E. Ma (Psychology), Mia Mask (Film), Brian G. McAdoo (Geology), Kirsten Menking (Geology), Leonard Nevarez (Sociology), Joseph Nevins (Geology/Geography), Judith Nichols (English), Leslie Offutt (History), Elizabeth Paravisini-Gebert (Hispanic Studies), H. Daniel Peck (English), Anne Pike-Tay (Anthropology), Sidney Plotkin (Political Science), A. Marshall Pregnall (Biology), Christopher Roellke (Education), Margaret L. Ronsheim (Biology), Jonathan C. Rork (Economics), Harry S. Roseman (Art), Mark A. Schlessman (Biology), Jill S. Schneiderman (Geology), Christopher J. Smart (Chemistry), Peter G. Stillman (Political Science), J. William Straus (Biology), Jeffrey R. Walker (Geology), Michael Walsh (Religion), Yu Zhou (Geography).

Environmental Studies is a multidisciplinary program that involves the natural and social sciences as well as the arts and humanities. It explores the relationships between people and the totality of their environments—natural, built, and social. As part of that exploration, environmental studies concerns itself with the description and analysis of natural systems; with interspecies and species-environment relationships and the institutions, policies and laws that affect those relationships; with aesthetic portrayals of nature and how these portrayals affect human perceptions and behavior toward it; and with ethical issues raised by the human presence in the environment.

Students majoring in Environmental Studies are required to take courses offered by the program, a set of courses within a particular department, and other courses from across the curriculum of the college. Therefore, a student interested in the major should consult with the director of the program as early as possible to plan a coherent course of study. The director, in consultation with the steering committee, will assign an advisor to each student. Advisors are selected from the participating faculty of the program. The steering committee approves each major's program, and is concerned not only with the formal requirements but also with the inclusion of relevant environmental courses in the student's chosen areas of study, interconnections among groups of courses, and adequate concentration in the methods of a discipline. Students are admitted to the program by the director, subject to the approval of their program of study by the steering committee.

Research studies by Environmental Studies majors are supported by the Environmental Research Institute.

Requirements for the Major: 15 units to be distributed as follows, with specific courses chosen in consultation with the director and the student's advisor, and with the approval of the steering committee. (1) Environmental Studies 224, Environmental Studies 250 and Environmental Studies 301, the senior seminar; (2) Environmental Studies 260 or 270, and one course from within the program's own offerings at the 300-level; (3) the senior project/thesis, Environmental Studies 300; (4) a sequence of five courses in one department (or a set of five courses with a common focus, such as law or environmental policy, from two or more departments), including at least one at the 300-level; (5) for students whose disciplinary concentration is in biology,

chemistry, or geology, three courses, no more than one at the 100-level relevant to the major in a department outside the natural sciences; for students whose disciplinary concentration is in a natural science other than biology, chemistry, and geology, a set of courses established in consultation with the director; for students whose disciplinary concentration is not in the natural sciences, three courses, at least one at the 200-level, relevant to the major from either biology, chemistry, or geology; (6) one full unit of field experience, which may come from field work, independent study, an internship, or selected course work taken during the Junior Year Study Away. Field experience is expected to be carried out before the senior thesis/project. The unit of field experience is graded Satisfactory or Unsatisfactory. The senior project/thesis is graded Distinction, Satisfactory, or Unsatisfactory. After declaration of the major, no required courses may be elected NRO.

Senior Year Requirement: Environmental Studies 300 and 301.

Because Environmental Studies is a major in which students concentrate in two disciplines or areas of focus (one in the natural sciences), potential majors are encouraged to take introductory courses in the disciplines or areas where their focus may be. Although the program does not require any specific introductory courses, Environmental Studies 100-level courses are available and can lead appropriately into the required sequence beginning with Environmental Studies 200-level courses.

Course Offerings

I. Introductory

100. Global Change (1)

This class offers an interdisciplinary introduction to the climate and ecosystem principles needed to understand human impact on the natural environment. We discuss the issue of global change prediction and the scientific basis for global change assessments and policy measures. Key topics are the physical climate system and its variability, the carbon cycle and related ecosystem processes, land use issues, nutrient cycles, and the impact of global change on society. Common threads in all of these topics include the use of observations and models, the consideration of multiple scales (temporal and spatial), the interaction of human behaviors and choices with natural systems, and the linkages among aspects of the global change issue.

150a. The Environmental Imagination in Literature and Art: American Visions of Landscape (1)

The course introduces students to ways in which American works of literature and art, from the nineteenth century to the twenty-first century, may be considered “environmental.” Works are studied for ways in which they express environmental values such as a strong sense of place, a scientifically informed view of nature, a sense of nature as “process,” and an ecological worldview. Mr. Peck.

Two 75-minute periods

[175a. Principles and Practices of Sustainable Agriculture] (1)

Developing a sustainable system of producing food and fiber is one of the most important challenges facing human societies. This challenge is as much social as scientific or technological, because it is technically possible, even now, to produce an adequate diet for a world population of over twenty billion people. This course considers the two most important aspects of agricultural sustainability: the demands of consumers, and the abilities of producers to satisfy those demands. Through the writings of such authors as Wendell Berry, Sir Albert Howard, Wes Jackson, David Kline, Aldo Leopold, and Vandana Shiva, and through field trips to local farms, we explore the physical, social, economic, and environmental issues defining debates about sustainable agriculture. Mr. Walker.

Two 75-minute periods.

Not offered in 2006/07.

II. Intermediate

224a. Essentials of Environmental Science (1)

A lecture/ laboratory course in which basic topics in environmental biology, geology, and chemistry are covered with examples from current environmental issues used to illustrate the application and interdisciplinary nature of these fields. This course treats the following topics: energy sources and waste products, atmospheric patterns and climate, biogeochemical cycles, properties of soils and water, and ecological processes. Using these topics as a platform, this course examines the impact humanity has on the environment and discusses strategies to diminish those effects. The laboratory component includes field trips, field investigations, and laboratory exercises. Mr. Belli.

Two 75-minute periods; one 4-hour laboratory.

Prerequisite: One laboratory course in Biology, Geology, or Chemistry or permission of the instructor.

250b. Environmentalisms in Perspective (1)

The purpose of this course, an introduction to the core issues and perspectives of environmental studies, is to develop a historical awareness of selected, significant positions in the contemporary theory and practice of environmentalism. In addition to studying different views of the relationship between human beings and their environments posited by different environmentalisms, the course critically examines views of science (or the study of nature), implications for policy, and the creation of meaning suggested by each. Environmentalist positions under consideration vary. By examining the roots of major contemporary positions, students explore possible connections among the ethical, scientific, aesthetic, and policy concerns that comprise environmental studies. Mr. Plotkin, Mr. Schlessman.

Required of students concentrating in the program. Open to other students by permission of the director and as space permits.

Prerequisite: sophomore or junior standing. Must be taken before the senior year.

Two 75-minute periods.

254a. Environmental Science in the Field (1)

(Same as Geography 254 and Geology 254) The environment consists of complex and often elegant interactions between various constituents so that an interdisciplinary approach is required to understand how human interactions may affect it. In this course, we study a variety of aspects of a specific environment by considering how biological, chemical, geological, and human factors interact. We observe these interactions first hand during a weeklong field trip. Some of the questions we may consider are: How does a coral polyp create an environment that not only suits its particular species, but also helps regulate the global climate? How has human development and associated water demands in the desert Southwest changed the landscape, fire ecology, and even estuary and fisheries' health as far away as the Gulf of California? How have a variety of species (humans included) managed to survive on an island with the harsh environment of the exposed mid-ocean ridge of Iceland? The course is offered every other year, usually in the fall semester, and topics vary with expertise of the faculty teaching the course. Ms. Cunningham, Ms. Menking.

Destination Fall 2006: Louisiana Gulf Coast.

Prerequisite: Prior Biology or Geology coursework at the 200-level and permission of the instructor.

[256b. Environment and Culture in the Caribbean] (1)

(Same as Africana Studies 256) The ecology of the islands of the Caribbean has undergone profound change since the arrival of Europeans to the region in 1492. The course traces the history of the relationship between ecology and culture from pre-Columbian civilizations to the economies of tourism. Among the specific topics of discussion are: Arawak and Carib notions of nature and conservation of natural resources; the impact of deforestation and changes in climate; the plantation economy as an ecological revolution; the political implications of the tensions between the economy of the plot and

that of the plantation; the development of environmental conservation and its impact on notions of nationhood; the ecological impact of resort tourism; the development of eco-tourism. These topics are examined through a variety of materials: historical documents, essays, art, literature, music, and film. Ms. Paravisini.

Not offered in 2006/07.

260b. Issues in Environmental Studies (1)

The purpose of this course is to examine in depth an issue, problem, or set of issues and problems in environmental studies, to explore the various ways in which environmental issues are embedded in multiple contexts and may be understood from multiple perspectives. The course topic changes from year to year.

Topic for 2006/2007: *Grasslands: Human History and Ecology of the American Plains*. To early newcomers from the east, the Great Plains looked like empty space, a "Great American Desert" devoid of life. Our class explores the roots of such misconceptions and their often catastrophic legacy for farmers and ranchers on the Plains, as well as for native peoples. We study the region's biodiversity, the ecological dynamics involved in grassland conservation, and visions of a different future for this critical place in the American heartland. The course includes a one-week trip over spring break to study the Plains, including visits to bison re-introduction sites and to the Land Institute in Kansas, which is researching perennial grain polyculture, and observation of migrating shorebirds at Cheyenne Bottoms and sandhill cranes along the Platte. Ms. Edwards, Ms. Ronsheim.

By special permission.

270a. Topics in Environmental Studies (1)

The purpose of this course is to take up topics relevant to environmental studies, and examine them through the perspectives of the humanities and the natural or social sciences. The course topic changes from year to year.

Topic for 2006/2007: *Conversations with the Land*. From the middle of the city to the remote backwoods, humans are in constant conversation with the land, a conversation informed by our scientific, social, and aesthetic sensibilities. Through field trips and readings, this course investigates some of the myriad conversations happening around us in the Hudson River Valley. Examples of places to be explored include Mohonk Mountain House, a vineyard, an abandoned farm, a Buddhist monastery, Vassar College, and some urban settings in Poughkeepsie. Readings may include Henry David Thoreau, Aldo Leopold, Wendell Berry, Barry Lopez, and Annie Dillard. Mr. Stillman, Mr. Walker.

By special permission.

290a or b. Field Work (1)

Individual or group field projects or internships. Prior approval of advisor and instructor supervising the work are required. May be taken during the academic year or during the summer. Participating faculty.

298a or b. Independent Research (1)

Individual or group project or study. Prior approval of advisor and instructor supervising the work are required. May be taken during the academic year or during the summer. Participating faculty.

III. Advanced

300b. Senior Project/Thesis (1)

Recognizing the diverse interests and course programs of students in Environmental Studies, the Program entertains many models for a senior project/thesis. Depending on their disciplinary concentration and interests, students may conduct laboratory or field studies, literary and historical analyses, or policy studies. Senior project/thesis proposals must be approved by the steering committee.

301a. Senior Seminar (1)

In the Senior Seminar, Environmental Studies majors bring their disciplinary concentration and their courses in the Program to bear on a problem or set of problems in environmental studies. Intended to be an integration of theory and practice, and serving as a capstone course for the major, the seminar changes its focus from year to year.

Topic for 2006/07: *Ecology of the Mid-Hudson Valley*. Ms. Ronsheim.

Required of students concentrating in the program.

Open to other students by permission of the director and as space permits.

[302. Environmental Science Seminar] (1)

The Environmental Science Seminar, taken during the junior or senior year consists of critical analyses of current issues in the interdisciplinary field of Environmental Science.

By special permission.

One 2-hour period.

Not offered in 2006/07.

312b. Green Utopias (1)

(Same as Political Science 312b) Mr. Stillman.

331a. Technology, Ecology and Society (1)

(Same as Anthropology 331a) Ms. Johnson.

341b. Oil (1)

(Same as Geology 341 and Geography 341) For the hydraulic civilizations of Mesopotamia, it was water. For the Native Americans of the Great Plains, it was buffalo. As we enter the twenty-first century, our society is firmly rooted both culturally and economically in oil. This class looks into almost every aspect of oil. Starting at the source with kerogen generation, we follow the hydrocarbons along migration pathways to a reservoir with a suitable trap. We look at the techniques geologists and geophysicists use to find a field, and how engineers and economists get the product from the field to refineries, paying particular attention to environmental concerns. What is involved in the negotiations between multinational corporations and developing countries over production issues? What are the stages in refining oil from the crude that comes from the ground to the myriad uses seen today, including plastics, pharmaceuticals, and fertilizers, not to mention gasoline. We also discuss the future of this rapidly dwindling, nonrenewable resource, and discuss options for an oil-less future. Mr. McAdoo, Mr. Rashid.

[352b. Conservation Biology] (1)

(Same as Biology 352) Ms. Ronsheim.

Not offered in 2006/07.

[355b. Environment and Land-Use Planning] (1)

(Same as Geography 355b, Geology 355b) Ms. Cunningham.

Not offered in 2006/07.

364b. Seminar on Selected Topics in Law and Technology (1)

(Same as Science, Technology, and Society 364b) This course explores the dynamic interrelationship between technology and law. It is designed to analyze the reciprocal effects of our society's developed jurisprudence and the advancement and use of science and technology on each other. Areas explored include American Constitutional, international, environmental, criminal, and property law, particularly as they interact with reproductive determination, government information gathering, hazardous waste generation, biotechnology, and technology transfer.

One 2-hour period.

[367b. Peoples and Environments in the American West] (1)
 (Same as History 367b) Ms. Edwards.
 Not offered in 2006/07.

370b. Feminism and Environmentalism (1)
 (Same as Women's Studies 370 and Science, Technology, and Society 370) This seminar takes as its departure point the claim that the women's movement, the civil rights movement, and the environmental movement, combined with efforts on behalf of anti-classism, anti-heterosexism, and anti-colonialism must be practiced and theorized as interconnected. We examine gendered discourses of natural history, explore their past origins and contemporary ramifications, and study various approaches to understanding gender and environment. We pay particular attention to feminist scholarship and activism concerning the gendered implications of development policies and practices. Course readings may include work by Susan Griffin, Chris Cuomo, Carolyn Merchant, Londa Schiebinger, and Vandana Shiva. Ms. Schneiderman.

By special permission.
 One 2-hour period.

[387b. Advanced Special Studies] (1)
 Topic for 2005/06: *Global Environmental Justice*. In this seminar we explore global environmental issues from a perspective that foregrounds questions of social equality. Throughout the course we examine the roles that race, class and gender play in contemporary environmental issues. Beginning with a survey of the origins of environmentalism in the United States, we study the rise of the "environmental justice" movement in the United States and contemplate concepts of justice as they apply to "environment." We pay particular attention to feminist theories of justice and concerns regarding social and environmental inequity. With the conceptual framework in place, we focus on particular problems that may include: pollution and exposure to toxic substances; global climate change and its links to global consumerism; economic development in the developing world; and resource (water and fuel) extraction. In the latter part of the course, we devote each class session to student projects focussed on specific local environmental issues within a framework of global environmental justice.

By special permission.
 One 2-hour period.
 Not offered in 2006/07.

399a or b. Senior Independent Research (1)
 Individual or group project or study. Prior approval of advisor and instructor supervising the work are required. May be taken during the academic year or during the summer. Participating faculty.

Film

Faculty: See Drama and Film

Requirements for Concentration in Film:

- I. 11 units required.
- II. Film 210, Film 211, Film 392 required.
- III. Six (6) additional courses in Film at the 200- or 300-level, with the restrictions below:
 - A. No more than 4 units in film, video, or digital production may be counted toward the major (including, but not limited to: Film 245, 320/321, 326/327, 345/346).
 - B. Two of the above 6 units must be Film Department courses in film history/theory. These 2 units must be completed prior to enrollment in Film 392, which must be taken in the senior year.
- IV. Two additional elective units at the 200- or 300-level selected from the following categories:
 - A. Courses offered by the Department of Film, including fieldwork and independent study.
 - B. Courses offered by the Department of Drama
 - C. Specifically film-related courses offered by other Vassar departments appearing on the Film Department's Approved Elective List, or, with pre-approval, similar courses taken on Study Away or Exchange Programs.
- V. Senior Year Requirement: Film 392.

I. Introductory

175b. The Art of Film

(1)

An introductory exploration of central features of film and film study, including the relation of film and literature, film genre, silent film, formal and stylistic elements (color, lighting, widescreen, etc.), abstract and nonnarrative film. Subjects are treated topically rather than historically. The department.

May not be used toward the Major requirements.

Two 75-minute periods, plus outside screenings.

II. Intermediate

210a. World Cinema to 1945

(1)

An international history of film from its invention through the silent era and the coming of sound to mid-century. The course focuses on major directors, technological change, industrial organization, and the contributions of various national movements. In addition to the historical survey, this course teaches the terminology and concepts of film aesthetics, and introduces students to the major issues of classical film theory. The department.

Prerequisite: Film 175 strongly suggested by not required.

Two 75-minute periods, plus outside screenings.

211b. World Cinema After 1945

(1)

An international history of film from mid-century to the present day. The course focuses on major directors, technological changes, industrial organization, and the contributions of various national movements. In addition to the historical survey, this course explores the major schools of contemporary film theory, e.g., semiology, Marxist theory, feminism. The department.

Prerequisite: Film 210.

Two 75-minute periods, plus outside screenings.

[212. Genre: The Musical]

(1)

Examines the development of American film musicals from *The Jazz Singer* to the present day. The course looks at major stars such as Fred Astaire and Ginger Rogers, Gene Kelly, and Judy Garland, and the contributions of directors such as Vincente

Minnelli and Bob Fosse. Students examine the interrelationships between Broadway and Hollywood, the influence of the rise and fall of the Production Code, the shaping hand of different studios, the tensions between narrative and spectacle, sincerity and camp. Reading assignments expose students to a wide range of literature about film, from production histories to feminist theory. Ms. Kozloff.

Two 75-minute periods, plus outside screenings.

Prerequisite: Film 210 and permission of the instructor.

Not offered in 2006/07.

[214. Genre: The War Film] (1)

An examination of how American films have represented World War I, World War II, and the Vietnam War. Films chosen include both those produced while the conflicts raged (*Bataan*, 1942), and those made many years later (*Saving Private Ryan*, 1998). This class focuses on such issues as: propaganda and patriotism, pacifism and sensationalism, the reliance on genre conventions and the role of changing film technologies. For comparison, we look also at documentaries, at films focusing on the “home front,” and at war poetry, posters, and music. Reading assignments cover topics such as the government’s Office of War Information, the influence of John Wayne, and the racism of the Vietnam films. Ms. Kozloff.

Two 75-minute periods, plus outside screenings.

Prerequisite: Film 210 and permission of the instructor.

Not offered in 2006/07.

[215. Genre: Science Fiction] (1)

The course surveys the history of science fiction film from its beginnings in the silent period (culminating in Fritz Lang’s *Metropolis* and *The Woman in the Moon*) to the advent of digital technologies. The “golden age” of the 50s, the emergence of a new kind of science-fiction film at the end of the 60s (Kubrick’s *2001*, and the “resurgence/revival” of science-fiction film in the late 70s-early 80s (*Star Wars*, *Blade Runner*, *Alien*, *The Terminator*) are given special attention. Topics include subgenres (end of the world, time travel, space exploration/the “new” frontier, technology/robots/atomic energy), the relation of science-fiction films to their social context and their function in popular culture, the place of science in science-fiction, film’s relation to science-fiction literature (and issues of adaptation), the role of women and feminist criticism, and remakes. In addition to film history and criticism, a small amount of science fiction literature is read. While passing mention will be made to television science-fiction, the course focuses on film.

Two 75-minute periods, plus outside screenings.

Prerequisite: Film 210 and permission of the instructor.

Not offered in 2006/07.

[216. Genre: Romantic Comedy] (1)

This class studies the genre of romantic comedy in American film from the “screwball comedies” of the 1930s (*It Happened One Night*, *Bringing Up Baby*) to the resurgence of the genre in the 1990s (*You’ve Got Mail*). The course focuses on the work of major stars such as Cary Grant, Katharine Hepburn, and Meg Ryan, as well as the contribution of such directors as Ernst Lubitsch, George Cukor, Preston Sturges, Howard Hawks, Billy Wilder, or Nora Ephron. We place these films in the context of other representations of romance—such as Shakespeare’s comedies—and in the context of the changes in American culture, particularly in the role of women. Readings lead students to a deeper understanding of the history of American film, genre, and the star system. Ms. Kozloff.

Two 75-minute periods, plus outside screenings.

Prerequisite: Film 210 and permission of the instructor.

Not offered in 2006/07.

[218. Genre: The Western] (1)

A historical and cultural exploration of the Western film genre, with emphasis on the relationship between the Western and the central myths of American experience and

such themes as masculinity, violence and the role of women. Specifically, the course examines Westerns directed by filmmakers D. W. Griffith, Tom Mix, William S. Hart, John Ford, Howard Hawks, George Stevens, John Huston, Anthony Mann, Fred Zinnemann, Sam Peckinpah, and Clint Eastwood among others. Ms. Mask.

Two 75-minute periods, plus outside screenings.

Prerequisite: Film 210 and permission of the instructor.

Not offered in 2006/07.

[219. Genre: Film Noir] (1)

The term “film noir” was coined by French critics at the end of WWII to describe Hollywood adaptations of hard-boiled crime fiction (Cain, Hammett, Chandler). In this course we first consider “film noir” as an American genre, defined historically (from Huston’s 1941 *The Maltese Falcon* to Welles’ 1958 *Touch of Evil*) and stylistically (hard edged chiaroscuro, flashbacks, voice-over). In order to account for its broad and lasting impact, however, we then follow film noir’s influence on the French New Wave (e.g. Godard’s 1960 *Breathless*, Truffaut’s 1950 *Shoot the Piano Player*) and its later return as “new noir” in American and French cinema (Polanski’s 1974 *Chinatown*, Scorsese’s 1990 *The Grifters*, Claire Denis’ 1997 *I Can’t Sleep*). We observe the transformation of recurrent themes, such as urban violence, corruption, the blurring of moral and social distinctions, the pathology of the divided self, and the femme fatale. Readings in film history and theory, including feminist theory. Ms. Arlyck.

Two 75-minute periods, plus outside screenings.

Prerequisite: Film 210 or French 244, 252, or 262 and permission of the instructor.

Not offered in 2006/07.

230a. Women in Film (1)

(Same as Women’s Studies 230) This course both examines the representation of women in male-dominated cinema (such as the films of Hitchcock), and explores the work of key female filmmakers. Issues about Hollywood films that are addressed include: genre conventions (e.g. women as *femmes fatales* in *film noir*), the power of stars (e.g. Mae West), and the use of the cinema to objectify female bodies. We then study women directors of feature films, such as Dorothy Arzner, Agnès Varda, Marleen Gorris, and Kathryn Bigelow; female directors of documentaries, such as Barbara Kopple and Connie Field, and women who have produced path-breaking avant-garde cinema, such as Maya Deren and Sally Potter. Ms. Kozloff.

Prerequisite: One course in Film or Women’s Studies.

Two 75-minute periods, plus outside screenings.

[231. Minorities in the Media] (1)

This course teaches students to develop a critical understanding of mediated culture through discourse analysis. It examines various texts (i.e., film, video, television, and advertising) in which the dynamics of race, gender, class, and sexuality are expressed and intersect in America. Course literature addresses the identity categories “minority” and “majority” as they have been constructed and deployed in mainstream society. Readings also examine the media’s role in reinforcing socially constructed ideas about difference and the ways visible versus invisible minorities are represented. Black British cultural theory, feminist theory, African American studies and whiteness studies are employed. Screenings may include *La Haine*, *Our Song*, *Hide & Seek*, *Traffic* and *Requiem for a Dream*. Ms. Mask.

Prerequisite: 210 and permission of the instructor.

Two 75-minute periods, plus outside screenings.

Not offered in 2006/07.

[234. Film and “The Sixties”] (1)

The era from *Bonnie and Clyde* (1967) to *Chinatown* (1974) can be thought of as a distinct period in the history of American film in terms of the demise of the studio system, the transformation of traditional genres, the influence of the French New Wave, the emergence of new auteurs, and the relaxation of censorship, leading to more

explicit sex and violence. This course focuses on directors such as Altman, Kubrick, Peckinpah, Penn, and Scorsese, as well as films, such as *Easy Rider*, *Shaft*, or *Diary of a Mad Housewife*, which reflect topical subjects. Emphasis is placed on the changes in filmmaking techniques (wide-screen, jump cuts, the zoom lens, improvisational acting), the role of film critics and theorists of the time, the changes in industry economics and demographics, the influence of television and popular music, and the ways in which social change is reflected by the cinema. Ms. Kozloff.

Two 75-minute periods, plus outside screenings.

Prerequisite: Film 210 and permission of the instructor.

Not offered in 2006/07.

236b. African Cinema: A Continental Survey (1)

(Same as Africana Studies 236) African national cinemas reflect the rich, complex history of the continent. These films from lands as diverse as Chad, Senegal and South Africa reveal the various ways filmmakers have challenged the representation of Africa and Africans while simultaneously revising conventional cinematic syntax. This survey course examines the internal gaze of African-born auteurs like Ousmane Sembene (*Le Nor de Z, Xala, Mandabi*), Djibril Diop Mambety (*Hyenes*), Desire Ecare (*Faces of Women*), Manthia Diawara (*Conakry Kas*), and Mahmat-Saleh Haroun (*Bye-Bye Africa*). It places these films alongside the external gaze of practitioners Euzan Palcy (*A Dry White Season*), Jean-Jacques Annaud (*Noir et Blancs en Couleur*) and Raoul Peck (*Lumumba*). The films of documentary filmmakers Anne Laure Folly, Ngozi Onwurah and Pratabh Parmaar are also examined. This course utilizes the post-colonial film theory and scholarship of Imruh Bakari, Mbye Chain, Nwachukwu Frank Ukadike and Manthia Diawara. Screenings, readings and papers required. Ms. Mask.

Two 75-minute periods plus outside screenings.

Prerequisite: Film 210 and permission of the instructor.

[237. Non-Western Cinema] (1)

Although Americans are most familiar with Hollywood and European offerings, countries around the world long and rich cinematic traditions. This course examines the history and aesthetics of a given international cinema, such as India, Iran, Hong Kong, or Brazil. Screenings showcase films not easy to see in the United States and readings address how the cinemas reflect their countries' cultures and heritage. Instructor to be announced.

Two 75-minute periods, plus outside screenings.

Prerequisite: Film 210 and permission of the instructor.

Not offered in 2006/07.

[238. Music in Film] (1)

(Same as Music 238) A study of music in sound cinema from the 1920s to the present. The course focuses on the expressive, formal, and semiotic functions that film music serves, either as sound experienced by the protagonists, or as another layer of commentary to be heard only by the viewer, or some mixture of the two. Composers studied include Max Steiner, Bernard Herrmann, Jerry Goldsmith, Danny Elfman and others as well as film scores that rely upon arrangements of musical styles including classical, popular, and non-Western. Mr. Pisani.

Two 75-minute periods, plus outside screenings.

Prerequisite: one course in music (not performance) or film.

Not offered in 2006/07.

240a. Experiments in Video (1)

This course explores the ultra-short video form. During the first half of the semester, students concentrate on in-camera video exercises and projects, while during the second half they also learn video editing procedures. In addition, the course examines and discusses the work of a number of distinguished video artists who concentrate on producing videos in the ultra-short form. Open only to sophomores who are not concentrating in film. Mr. Roques.

Prerequisite: one unit in film.

One 2-hour period.

[260. Documentary: History and Aesthetics] (1)

Beginning with an exploration of film pioneers such as Robert Flaherty and Margaret Mead, the course also examines the impact of John Grierson on documentary production in both Great Britain and Canada. In addition, the development of cinema vérité and direct cinema is traced through the work of such filmmakers as Jean Rouch, Richard Leacock, Robert Drew, D. A. Pennebaker, Frederick Wiseman, and the Maysles Brothers. Other topics might include propaganda films, the lyrical documentary, and the personal essay film. Ms. Mask.

Prerequisite: Film 210 and permission of the instructor.

Two 75-minute periods, plus outside screenings.

Not offered in 2006/07.

280b. Cinema Vérité (1)

This course examines the film movement and approach to documentary filmmaking known as Cinema Vérité. Coinciding with the development of lightweight portable sync sound cameras and sound recorders in the early sixties, filmmakers in America and abroad developed an improvisational approach to filming real life "as it happens". While the focus of the course is on classic works such as Jean Rouch's *Chronique D'Un Été*, D.A. Pennebaker's *Don't Look Back*, Frederick Wiseman's *High School*, and The Maysles Brothers' *Grey Gardens*, attention is paid to the evolution of the form in the 1970's to include more personal and self-reflexive approaches, as well as the influence of Cinema Vérité on contemporary film and television. Mr. Meltzer.

Prerequisite: Film 210 and permission of the instructor.

Two 75-minute periods, plus outside screenings.

290a. or b. Field Work (½ or 1)

To be elected in consultation with the adviser and the Office of Field Work.

298a. or b. Independent Work (½ or 1)

To be elected in consultation with the adviser.

III. Advanced**300a. or b. Film Research Thesis (1)**

An academic thesis in film history or theory, written under the supervision of a member of the department. Since writing a thesis during fall semester is preferable, film majors should talk to their advisers spring of junior year. In Film, a research thesis is recommended, especially for those students not writing a Screenplay Thesis or enrolled in Documentary workshop, but it is not required. The department.

Prerequisites: Film 210/211, two additional courses in film history and theory, and permission of the instructor.

301a or b. Film Screenplay Thesis (1)

The creation of a feature-length original screenplay. Open only to students electing the concentration in film. Senior status required. Students wishing to write a screenplay instead of a research thesis must have produced work of distinction in Film 317 (Dramatic Writing) and Film 319 (Screenwriting). Mr. Steerman.

Prerequisites: Film 210/211, Film 317 or Drama 317, Film 319, and permission of instructor.

317a or b. Dramatic Writing (1)

(Same as Drama 317a or b.) Studies of dramatic construction, analysis of, and practice in writing stage plays and/or screenplays. Mr. Steerman.

Prerequisites: Drama 100 or Film 210 and permission of instructor.

Writing sample required two weeks before preregistration.

Open only to juniors and seniors.

One 2-hour period.

319b. Screenwriting (1)

An exploration of the screenplay as a dramatic form. Students study the work of major American and international screenwriters and are required to complete a feature-length screenplay as their final project in the course. Open only to students who have produced work of distinction in Drama or Film 317. Mr. Steerman.

One 2 hour period.

Prerequisites: Film 210/211, Drama or Film 317, and permission of the instructor.

320a/321b. Filmmaking (1)

A-semester: The course concentrates on a theoretical and practical examination of the art of visual communication in 16 mm film. Individual projects emphasize developing, visualizing and editing narratives from original ideas.

B-semester: Further exploration of a variety of narrative structures from original ideas. Includes working in a partnership with divided responsibilities to develop, visualize and execute films. Emphasis is placed on writing and production planning, as well as how lighting and sound contribute to the overall meaning of films. Editing is in digital form. (Students must concurrently enroll in a 3-hour lab period each semester.) Mr. Meltzer, Mr. Roques.

Fees: see section on fees.

Prerequisites: Film 210/211 and permission of the instructor.

One 2-hour period, plus lab.

325a. Writing the Short Narrative Film (1)

Students learn the process of developing original ideas into fifteen to twenty minute narrative screenplays. Scripts produced in Film 327 are selected from those created in Film 325. Must be taken concurrently with Film 326. Mr. Robinson.

Prerequisites: Film 320-321 and permission of the instructor.

One 3-hour period.

326a/327b. Documentary Workshop/Narrative Workshop (1)

A semester: This course addresses the aesthetic, ethical and theoretical issues specific to the documentary genre as students explore a variety of documentary styles. Student crews make fifteen-minute documentary videos about a person, place, event, or an issue. Students learn advanced video and sound-recording techniques, using professional grade digital cameras, field lights, microphones and tripods. Post-production is done on digital non-linear editing systems. Mr. Meltzer, Mr. Robinson.

B-semester: Student crews create short 16mm sync/sound narrative films from student scripts. Individual members of the crew are responsible for the major areas of production and post-production: directorial, camera, editorial, and sound. The projects are shot on film and edited on Avid. Mr. Robinson.

Open only to senior film majors who have produced work of distinction in Film 320/321 and Film 326.

Prerequisites: Film 320/321 and permission of the instructor.

388. The Film Industry and the New Millennium (1)

This course examines different aspects of contemporary filmmaking, focusing on some of the essential stages involved in the creation, development, production and distribution of motion pictures, at both the studio and independent level. Each week's class features a guest speaker with a specific area of filmmaking expertise. This seminar gives students the opportunity to analyze and question the behind-the-scenes creative process, in depth, for the first time. The seminar examines and discusses filmmaking and the creative process, taking students beyond what they see on the screen, and what they read in newspapers, trade journals, and on the internet. The seminar also challenges the student to examine the role of the artist in the media and society. A short essay is required two weeks prior to the course beginning, describing why the student would like to join the class. Selected readings and a final paper are also required. Mr. Levine.

One 2-hour period.

Special permission from the instructor.

392a or b. Research Seminar in Film History and Theory (1)

This course is designed as an in-depth exploration of either a given author or a theoretical topic. Students contribute to the class through research projects and oral presentations. Their work culminates in lengthy research papers. Because topics change, students are permitted (encouraged) to take this course more than once. Preference is given to film majors who must take this class during their senior year; junior majors and others admitted if space permits.

Topic for 2006/07a: *As Is Customary at Fort Apache: Ritual and tradition in the Films of John Ford*. In many of his films, Ford included dances, weddings, funerals, drinking bouts, fist fights, military processions, and other scenes involving ritual or tradition. The seminar explores the connections between such material and the central themes found in Ford's work, focusing particularly on the relationship between shared ritual or tradition and the ability of disparate groups to form stable communities. Films to be examined include *The Iron Horse* (1925), *Stagecoach* (1939), *The Grapes of Wrath* (1940), *How Green Was My Valley* (1942), *They Were Expendable* (1945), *My Darling Clementine* (1946), *Fort Apache* (1948), *She Wore A Yellow Ribbon* (1949), *Wagonmaster* (1950), *Rio Grade* (1950), *The Quiet Man* (1952), *The Searchers* (1956), and *The Man Who Shot Liberty Valence* (1962). Mr. Steerman.

Topic for 2006/07b: *Adventures With Alice—Fantasy, Dream, and Poetry in Cinema*. Alice fell down a rabbit hole. Or she had a dream. Or both? While there are several forms fantasy can take in film (including the realistic fantasy of *Lord of the Rings* and most science fiction), we look at films in which our reality is constituted as a dreamworld (or a similar illusion), and at its close cousin in which this reality is transmuted by and into film poetry. Several versions of the Alice story are examined, from Disney's to those of Woody Allen, Jan Svankmajer, and Dennis Potter (also including David Lynch's *Blue Velvet*), as well as three films from the dream-like world of Luis Buñuel (*the Criminal Life of Archibaldo Cruz*, *The Exterminating Angel*, and *That Obscure Object of Desire*). The poetic cinema is represented by Jean Cocteau (*Blood of a Poet* and *Beauty and the Beast*), Dovzhenko's *Earth*, and above all by Marcel Carne's *Children of Paradise*. We end with a meditation on what might be called dreaming in reverse, that is, memory—Potter's blue Remembered Hills. Mr. Kalin.

One 3-hour period plus separate film screenings.

Additional Topic for 2006/07b: *Fright Night: The Ethics of Horror*. Horror films have undergone significant changes throughout the past one hundred years but one thing has remained constant: the survival of the horror genre. From *The Cabinet of Dr. Caligari* (1919) to the current resurgence of campy sequential blockbusters like the *Scream* trilogy or the walking *Dead* films, the genre continues to be recycled and reformulated. This course traces the evolution of horror from its origins in mythology and pagan literature to its cinematic beginnings in the silent era and concludes with contemporary films. Historically, monsters have symbolized social intolerance, xenophobia, McCarthyism, Cold War anxiety, menarche, and public health crises. Vampirism has long been a metaphor for various sexually transmitted diseases. Screenings may include *Frankenstein*, *Dracula*, *Invasion of the Body Snatchers*, *Friday the 13th*, *La Jetee* and *28 Days Later*. Readings are by Carol Clover, Mary Douglas, Vera Dika, Barry Grant, Ed Guerrero and Julia Kristeva. Ms. Mask.

One 3-hour period plus film screenings.

Prerequisite: Film 210/211, two additional units in film history and theory, and permission of instructor.

399a, b. Senior Independent Work (½ or 1)

To be elected in consultation with the adviser.

Summer Study**245-246. Workshop in Screenwriting and 16mm Film Production (2)**

The summer workshop offers an integrated study of both the conceptual (screenwriting) and practical aspects of 16mm film production. The program concentrates on the techniques needed to create effective narrative films. Students develop their original ideas into screenplay form and produce these scripts in 16mm film. Mr. Meltzer, Mr. Steerman.

Special application required.
Five 3-hour meetings per week plus film screenings.
Tuition/room/board-\$3,600. Tuition/room only-\$2,900
Tuition only-\$2,600.

345-346 Advanced Workshop

(2)

An advanced workshop concentrating on the writing and production of short synchronous sound films or videos. See Film 245-246 for general summer workshop detail.
Mr. Meltzer, Mr. Steerman.

Special application required.
Offered only in the event of sufficient demand.

French

Professors: Elisabeth Cardonne-Arlyck, Cynthia B. Kerr^b, Christine Reno^a; **Associate Professors:** Mark Andrews, Patricia Célérier (Chair), Kathleen Hart; **Assistant Professor:** Susan Hiner^{a,b}.

All courses are conducted in French except French 189 and 248.

Requirements for Concentration: 11 units excluding French 248, and including at least 3 units at the 300-level. One of these three seminars should be French 332, 348, 355, 366 or 380. Students may count no more than one Senior Translation (French 301) or Senior Independent (French 399) towards the major. No courses in French elected after the declaration of the major may be taken NRO.

Teaching Certification: Students who wish to obtain Secondary Certification must complete the program of study outlined by the education department.

Advisers: The department.

Study Abroad: Study abroad is the most effective way to achieve linguistic and cultural fluency. Vassar College and Wesleyan University jointly sponsor a program of study in Paris. Majors in French are expected to participate in this program for one or two semesters during their junior year. Students electing a correlate sequence in French are also encouraged to participate in the program. Students concentrating in other fields for whom study in Paris is advisable are accepted, within the regulations of their respective departments and the Office of the Dean of Studies. Courses offered in the Paris program are included below. Students of French who are unable to study abroad during the academic year are strongly encouraged to attend the summer program at Middlebury College French School, or other summer programs in France or French-speaking countries.

Correlate Sequence in French: Students majoring in other programs may complement their study by electing a correlate sequence in French. Course selection should be made in consultation with the chair or other advisers in the department.

Requirements: 6 units excluding French 248, at least 5 of which must be taken above the 100-level. At least 1 but preferably 2 units must be taken at the 300-level. This unit should be French 332, 348, 355, 366, 370 or 380. No French courses elected after declaration of the correlate sequence may be taken NRO.

Study Away and summer courses may be substituted in the correlate sequence, with departmental approval.

I. Introductory

105a-106b. Elementary French (1)

Fundamentals of the language. Students learn to understand spoken French, to express simple ideas both orally and in writing, and to read French of average difficulty. While enhancing their communicative skills, students acquire knowledge of France and the Francophone world. The department.

Not open to students who have previously studied French.

Three 50-minute class periods, 2 hours of drill and oral practice.

185b. Putting Down Roots: Immigrant Voices in France and Canada (1)

Immigrant writers who have come to France and Canada from different parts of the globe are giving expression to the dreams and disappointments of their communities. They speak of the adventure and hardship of immigration, of prejudice and violence endured, of nostalgia for their homeland and for families and traditions left behind, of difficulties involved in maintaining an identity while integrating into a new culture. The course studies these themes as expressed in a variety of short stories, poems, plays and novels by writers from both France and Quebec. The course is taught in English. All works are read in translation. Ms. Reno.

Open only to Freshmen.

^{ab} Absent on leave for the year.

^a Absent on leave, first semester.

^b Absent on leave, second semester.

II. Intermediate

205a and b. Intermediate French I (1)

Basic grammar and vocabulary acquisition. Oral and written practice using short texts, audiovisual and on-line resources. The department.

Prerequisite: French 105-106 or two years of French in high school.

Three 50-minute or two 75-minute periods; one hour of scheduled oral practice.

206a and b. Intermediate French II (1)

Emphasis on more complex linguistic structures. Reading, writing, and speaking skills are developed through discussion of cultural and literary texts and use of audiovisual material. The course prepares students linguistically for cultural and literary study at the intermediate level. The department.

Prerequisite: French 205 or three years of French in high school. French 105-106 by permission of instructor.

Three 50-minute or two 75-minute periods; one hour of scheduled oral practice.

212a and b. Reading French Literature and Film (1)

Introduction to the analysis of literature and film and to basic modes of interpretation through the study and discussion of short texts (poems, short stories, films, plays, essays). The department.

Prerequisite: French 206 or four years of French in high school.

213a and b. Media and Society (1)

An introductory study of France through current newspapers, magazines, television programs, films and the web. A strong emphasis is placed on the expansion of vocabulary and on oral and written expression. Some grammar review. The department.

Prerequisite: French 206 or four years of French in high school.

[228a. Tellers and Tales] (1)

Study of narrative fiction using short stories taken from several periods of French literature.

Prerequisite: another 200-level course above French 206 or equivalent.

Not offered in 2006/07.

[230a. Medieval and Early Modern Times] (1)

Studies in French literature, history, and culture from the Medieval to the Classical period.

Prerequisite: another 200-level course above French 206 or equivalent.

Not offered in 2006/07.

[231b. Revolutionary France and Its Legacies] (1)

Studies in French literature, history, and culture in relation to the French Revolution during the Enlightenment and the Romantic period.

Prerequisite: another 200-level course above French 206 or equivalent.

Not offered in 2006/07.

232a. The Modern Age (1)

The course explores literary, artistic, social, or political manifestations of modern French society and its relation to the French-speaking world from the Napoleonic Empire to the present.

Topic for 2006/07: *Myth and the Modern Imagination*. The course examines the depiction of French life and society and the reworking of myth in modern fiction and drama through a focus on selected periods and movements from the mid-nineteenth century to the present. The appearance of prophetic myth as a backdrop to a deterministic environment in realist and naturalist prose, the dramatic reenactment of classical mythology in the period between the two World Wars, and the redefinition and transformation of myth in contemporary fiction and film are considered. Authors

may include: Flaubert, Giraudoux, Cocteau, Sartre, Barthes, Robbe-Grillet, Japrisot, Mr. Andrews.

Prerequisite: another 200-level course above French 206 or equivalent.

235a. Contemporary France (1)

This course offers a study of French society as it has been shaped by the major historical and cultural events since WWII. The main themes include Vichy France, de Gaulle's regime, the wars of French decolonization, the Mitterrand years, immigration, and the religious issues facing France today. The course draws on a variety of texts and documents including articles from the press and movies. The department.

Prerequisite: another 200-level course above French 206 or equivalent.

240a. Study of French Grammar (1)

In-depth study of major aspects of French grammar. Grammar exercises, compositions, and oral practice. Ms. Cardonne-Arlyck.

Prerequisite: another 200-level course above French 206 or equivalent.

241b. Composition and Conversation (1)

A course designed to improve written and oral expression, through the study and practice of various forms of writing, and the discussion of readings on contemporary issues. Mr. Andrews.

Prerequisite: another 200-level course above French 206 or equivalent.

242b. Studies in Genre I (1)

Study of narrative and prose forms including the novel, autobiography, and the essay.

Topic for 2006/07: *The Art of Revenge. Çat'apprendra! (That'll teach you!)*. Revenge is a recurrent literary theme that weds narrative concepts, such as point of view and event sequencing, with motives including desire, jealousy, anger, and pride. This course looks at various tales of revenge through the theoretical lens of philosophy, psychology, and cultural anthropology. We consider "moral" revenge in La Fontaine's seventeenth-century Fables, and sexual revenge in Choderlos de Laclos' *Liaisons dangereuses* (1782). We explore acts of revenge born of class struggle in Victor Hugo's *Claude Gueux* (1830), racial violence in *Aïda*, Mady Diallo's *Kouty, mémoire de sang* (2002), and writing itself as an act of revenge in Albert Camus' *La chute* (1956). Amélie Nothomb's *Antéchrista* (2003) finally raises the question: is there any way out of the endless cycle of reciprocal acts of revenge? What distinguishes "loving" lessons that enlighten and transform, from vengeful "lessons" that demean and destroy? Ms. Hart.

Prerequisite: another 200-level course above French 206 or equivalent.

243a. Studies in Genre II (1)

Study of dramatic and lyric forms including theater, poetry, and song.

Topic for 2006/07: *The play's the thing: Modern French and Francophone Theater*. An examination through theater of major developments in late twentieth-century thought, including existentialism, anticolonialism, and the avant-garde. From the politically committed "théâtre de situations" of Sartre, to the "théâtre de la négritude" of Césaire, the "désengagement" of Beckett, and the fierce social satire of Genet and Ionesco. We explore how dramatists use the stage to parody society and/or effect change. Prominent women playwrights and directors are studied: Gallaire, Redonnet, Hébert, and Mnouchkine. Students read dramatic texts, watch filmed performances, and work on their own interpretations of scenes from famous contemporary plays. Emphasis is placed on oral participation. Ms. Kerr.

Prerequisite: another 200-level course above French 206 or equivalent.

244b. French National Cinema (1)

Since WWI, French cinema has defined itself as national: not only as an industry requiring protection, but as a cultural institution bearing French identity. Through the study of individual films ranging from the silent era to the present, we examine the interaction between the French and their cinema in terms of historical circum-

stances, economic constraints, aesthetic ambitions, and self-representation. Ms. Cardonne-Arlyck.

Students in this course attend one weekly 75-minute class in English with students in 248a, but do some of the readings in French, attend a different 75-minute discussion period in French, and write papers in French.

Prerequisite: another 200-level course above French 206 or equivalent.

Two 75-minute periods plus evening film screenings.

246b. French-Speaking Cultures and Literatures of Africa and the Caribbean (1)

Topic for 2006/07: *The Words behind the Words: Intertextual Play in Francophone African Literature*. Francophone African Literature is characterized by a constant interplay between cultures, languages, and genres. Many texts reference other texts. In this course, we examine the interplay of the novel with oral literature (the Malinke epic) in Ahmadou Kourouma's *Les Soleils des Indépendances*, with jazz in Emmanuel Dongala's short story "A Love Supreme," and with the detective novel in Henri Lopès' *Dossier Classé*, and with Latin American literature in Sami Tchak's *Hermína*. We discuss the meaning of literary "borrowing," and the controversies surrounding the publication of Yambo Ouologuem's *Le Devoir de Violence* and Calixthe Beyala's *Le Petit Prince de Belleville*. Lastly, we read Bessorá's *Les Taches d'Encre* and assess the growing dialogue between post-colonial theory and Francophone African literary production. Ms. Célérier.

Prerequisite: another 200-level course above French 206 or equivalent.

248b. French National Cinema (1)

Since WWI, French cinema has defined itself as national: not only as an industry requiring protection, but as a cultural institution bearing French identity. Through the study of individual films ranging from the silent era to the present, we examine the interaction between the French and their cinema in terms of historical circumstances, economic constraints, aesthetic ambitions, and self-representation. Ms. Cardonne-Arlyck.

Readings and discussions in English. May not be counted towards the French major or correlate sequence.

Declared or prospective French majors, correlates, and students wishing to do the work in French, see French 244a.

Prerequisite: 4 units in the humanities or social sciences, or by permission of the instructor.

Two 75-minute periods plus evening film screenings.

298a or b. Independent Work (½ or 1)

One unit of credit given only in exceptional cases and by permission of the chair. The department.

III. Advanced

Prerequisite for all advanced courses: 1 unit of 200-level work above French 235, or Study Abroad in France or in a French-speaking country, or by permission.

300a. Senior Thesis (1)

Open only to majors. The department.

Permission required.

301a or b. Senior Translation (½ or 1)

Open only to majors. One unit of credit given in exceptional cases only and by permission of the Chair. The department.

332b. Literature and Society in Pre-Revolutionary France (1)

Topic for 2006/07: *Jeanne d'Arc: Mythologies of a Female Icon*. After analyzing the trial records that led to Joan of Arc's condemnation and rehabilitation, we turn to various

descriptions of Joan of Arc by her contemporaries, such as Christine de Pizan. We then study how the figure of Joan of Arc has been reinterpreted and appropriated in the service of a broad spectrum of causes, ideals and ideologies, including anti-French propaganda (Shakespeare), misogyny (Voltaire), republican idealism (Michelet), anti-clericalism (Anatole France), religious fervor (Péguy), and even adopted as standard bearer of the French extreme right. The course concludes with a number of cinematic depictions of France's greatest heroine. Ms. Reno.

One 2-hour period.

348b. Modernism and its Discontents (1)

Topic for 2006/07: *From Autobiography to Autofiction*. The course examines the origins of the new genre of autofiction and its emergence as one of the dominant forms of narrative fiction in the twenty-first century. Born of the experimental works of the French New Novelists, autofiction blends imaginary autobiography with innovative representational techniques to produce a distinctive retelling of personal histories. The term itself was coined by Serge Doubrovsky to characterize his novel *Fils* in 1977, and described the projection of the self into a fictional environment similar but not identical to the writer's own past. Since that time, authors have embraced the genre as a flexible and creative means of exploring the relationship between the individual and society in crisis, revealing intimate experiences of traumatic episodes, or employing unconventional storytelling to probe the nature of human relationships. Authors may include: Marguerite Duras, Hervé Guibert, Gisèle Pineau, Azouz Begag, Amélie Nothomb, Patrick Modiano, Annie Ernaux. Mr. Andrews.

One 2-hour period.

[355a. Cross-Currents in French Culture] (1)

One 2-hour period.

Not offered in 2006/07.

366b. Francophone Literature and Cultures (1)

Topic for 2006/07: *From Text to Screen: Visions of Francophone literatures*. This course examines specific francophone novels and the ways they have been translated into films. We look at narrative and stylistic choices in both media and the original yet comparable ways they produce meaning. Works studied are: North Africa: Merzak Allouache's film, "Bab El Oued City" (1994) and novel, *Bab El Oued* (1998); Medhi Charef's novel, *Le Thé au Harem d'Archimède* (1988) and film, "Le thé au Harem d'Archimède" (2001); Subsaharan Africa: Ousmane Sembène's novel, *Xala* (1973) and film by the same title (1975), Bassek Ba Kobhio's film, "Sango Malo" (1991) and novel, *Sango Malo: Le maître du Canton* (2000); West Indies: Joseph Zobel's novel, *Rue Case-Nègres* (1950) and Euzhan Palcy's film by the same title (1983). Critical articles and book chapters are discussed. Ms. Célérier.

One 2-hour period.

370a. Stylistics and Translation (1)

A study of different modes of writing and of the major problems encountered when translating from English to French, and vice versa. Practice with a broad range of both literary and nonliterary texts. Mr. Fenouillet.

380a. Special Seminar: (1)

Topic for 2006/07: *Forbidden Books: The Theory and Practice of Literary Censorship*. Which of France's greatest masterpieces have been banned? Why? By whom? And with what effect? This seminar examines the politics and modalities of Church and State censorship from the seventeenth to the twentieth century. We read the forbidden works—the salacious and the treasonous - analyze the cultural and historical significance of each, and explore the literary underground that made publication of these condemned texts possible. Authors include LaFontaine, Beaumarchais, Diderot, Sade, Flaubert, Baudelaire, Vercors, Aragon, and Koltès. Ms. Kerr.

One 2-hour period.

399a or b. Senior Independent Work

(½ or 1)

One unit of credit given only in exceptional cases and by permission of the Chair. The department.

Vassar-Wesleyan Program in Paris

Courses are subject to change. For information, please consult the department and its website.

245a and b. Intensive Language/ Bordeaux

(½)

The orientation session attempts to address most of the needs and concerns of students studying for a semester or a year in Paris. In addition to offering an intensive grammar review that allows students to function at a higher level in their classes in Paris, the Alliance Française session also offers workshops placing a major emphasis on spoken French.

250a. Paris through the Centuries

(1)

The aim of this course is to provide an in-depth geographical, historical and cultural perspective of the city of Paris. Each class/visit focuses on a neighborhood whose origins and unique aspects we learn about through an analysis of historical, artistic and literary references. Readings include texts by Balzac, Hugo, Zola and Corneille. On-site visits and class sessions alternate each week. Mr. Peigné.

251a. Love and Tragedy in French Theater

(1)

The course first studies the nature of seventeenth-century tragedy as transformed by Corneille and Racine, who grafted a love story onto the core of myth. We then move to the twentieth century's reshaping of the notion of the tragic through the influence of various philosophical currents. Questions of style (baroque and classical) and philosophy (existentialism and the absurd) are foregrounded, with emphasis both on the continuity of tragic literature and on formal variations from the seventeenth century to the present. Students attend four or five plays chosen in light of the Paris theatrical season, so as to allow the analysis of a number of live performances. Mr. Clément.

[252a. Special Topics]

(1)

This course is taught by the resident director. Topic varies each year.
Not offered in 2006/07.

253b. Intimate Fictions

(1)

Certain literary works, especially epistolary novels, diaries and monologues, are centered around the intimate lives of their narrator or fictional author(s). In entering into their fictional lives, the reader is offered a kind of pleasure that borders on the illicit. The central characters in intimate fictions are often motivated by a will to dominate others and a desire for unlimited personal freedom. Other narratives portray a protagonist engaged in an existential quest for truth that ends in various forms of despair, madness, disgust, and indifference. In terms of style, intimate fictions are often fragmentary in nature, since they both focus on the moment of writing and borrow from the world of spoken language. Whereas epistolary novels and fictional diaries tend to make fun of their models in order to highlight the frontier between fiction and testimony, literary monologues, at least those written in the twentieth century, create a fictional author who blurs the boundaries between truth and fiction. Works studied include: Claude Crébillon fils' *Lettres de la Marquise de M*** au Comte de R****, Maupassant's *Le Horla*, Sartre's *La Nausée*, and Georges Pérec's *Un Homme qui dort*. Ms. de Chalonge.

255b. French Theater

(1)

Topic for 2006/07: *Twentieth Century French Theater*. This course studies contemporary French Plays and theoretical texts on theater, and provides the opportunity to see plays currently On the French stage. Sartre's *Huis Clos*, as an example of existentialist and absurd theater, and Artaud's *Le théâtre et son double*, will be read and analyzed in depth. Three or four diverse plays will be chosen from among those running during

the current season to provide a panorama of contemporary trends in French theater. Students will read and study plays, attend productions, and discuss and critique them through written work and exposés. Mr. Mégevand.

256b. Enlightenment Literature: Art, Science, Politics and Love in the 18th Century (1)

An introduction to the nature and spirit of the French and European Enlightenment through some of the major literary and philosophical works of the period. The course involves an historical presentation of the eighteenth century, with emphasis on the Enlightenment's encyclopedic aspirations and its intense interest in both early civilizations and the "natural man." Students read a number of great individual works to which we still refer today in our thinking about art, science, politics, and love: Montesquieu's *Lettres persanes*; Rousseau's *Discours*; Diderot's *Rêve de d'Alembert* and *Paradoxe sur le Comédien*; Voltaire's polemical writings. Mr. Chartier.

260a. Studies in French Cinema. (1)

Topic for 2006/07: *French Literature and Cinema*. The purpose of the course is to explore the relationship between literature and cinema through a close analysis of various films from the sixties. We will explore different forms of interactions between literature and cinema such as the adaptation of a literary text to the screen (Max Ophuls/Guy de Maupassant or Delvaux and André Gracq) or writers who became filmmakers (Marguerite Duras, Jean Cocteau, André Malraux). Students will learn how to decipher an image and will study various literary texts (Ponge, Gracq, Duras and Breton). Mr. Leutat.

261b. Art in France during the Second Empire (1852-1870) (1)

The course demonstrates how the Second Empire was a major period in nineteenth-century French art; while reaching the pinnacle of a certain tradition it aspired to modernity. The Second Empire can thus be characterized as a transitional period that saw the end of Romanticism and of Neoclassicism with the death of Ingres and Delacroix, but also witnessed the birth of two new important movements: Realism and Impressionism. In architecture and sculpture, the Second Empire also saw the birth of an aesthetic that is crucial for understanding the art of the second half of the century: eclecticism. By focusing on individual artists and themes, the course seeks to define the principal actors, the great artistic movements, and the formal and iconographic innovations that mark French art of the Second Empire. Mr. Peigné.

262b. Special Topics (1)

This course is taught by the resident director. Topic varies each year.

Topic for 2006/07: *Exoticism: Imaginary Geographies in Eighteenth and Nineteenth Century French Literature*. This course considers the fascination with the exotic-with foreign landscapes, customs and culture-in eighteenth and nineteenth century French fiction and, to a lesser extent, poetry. Discussions focus on the representation of foreignness, the construction of the exotic woman, and the status of the European travel writer. Major authors include Segalen, Bernardin de Saint-Pierre, Balzac, Diderot, Mérimée, Loti, Flaubert and Baudelaire. Mr. Curran.

263a. France and the European Union: the Ambitious and Limits of a World Power (1)

After the long and troubled period of the Second World War, France recovered an institutional equilibrium and a European framework conducive to its emergence as a European and world power. This new status, struggled for by General de Gaulle despite adverse national and international circumstances, provided a privileged space in which to assert itself through the construction of Europe. A founding member of the E.U., France put Europe at the center of its international strategy and quest for power. However, France lost its dominant position over time. A number of re-adjustments regarding its political system, foreign policy, identity, economy, and relation to the non-European world had to be undertaken. How does France deal with these transformations? What are their characteristics? What is their impact on French society and

its political system? How does France assume its changed status from an independent power to that of a member state in the European union? Mr. Amégan.

264b. “Are the French Exceptional?” A Cultural History of Modern France, Nineteenth and Twentieth Centuries (1)

The course provides an historical study of French cultural practices, productions and models in the nineteenth and twentieth centuries. We follow the emergence of cultural “modernity” from the Revolution to the Republic and examine the gradual decline of religious and rural life, the challenges encountered by an academic and cultural elite, the cultural experiments of the *avant-garde*, and the democratization of culture through the rapid rise of consumerism and mass production. Major authors include Pierre Bourdieu, Roger Chartier, Michel Foucault, and Walter Benjamin. Mr. Kalifa.

265b. Franco-African Relations (1)

Beginning with a survey of precolonial kingdoms in Africa and the implantation of Islam, the course proceeds to an analysis of European intervention and of the structure of European colonial administration. Various phases of the African independence movement are highlighted: the formation of an African elite, the spread of African nationalisms, Panafrikanism, and “Négritude.” Finally, we examine French policies in the post-colonial period and the U.S.’s emerging role in African affairs. Mr. Amégan.

266b. Politics and Society (1)

Topic may vary each year.

Topic for 2006/07: *Gender in France*. This course explores the various feminist movements that have arisen in France from 1830 to the present. Using the tools of multidisciplinary analysis, we examine the interaction between feminism and history, feminism and politics, feminism and the queer movement and feminism, social classes and race. Special focus is placed on contemporary issues involving women. Ms. Taraud.

267a, 268b. History of Art (1)

The course focuses, each semester, on a different period in the history of French art, with special emphasis on the works of one or several of the major artists of the period, or of one school of art. Class visits to the Louvre, the Musée d’Orsay, the Pompidou Center, the Orangerie, the Picasso Museum, or other museums containing works by artists under study are an integral part of the course. Topics may vary each year.

Topic for 2006a: *Installations: Places and Spaces in Contemporary Art*. A new type of artwork was developed in the second half of the twentieth century that transcended modernist categories and was defined by the ways in which places, spaces and materials are used. Installations, with their links to Duchamp’s “*ready-mades*” and Schwitters’ *Merzbau*, can be seen as challenging perceptions of the ephemeral and of surrounding space. Stimulating considerable controversy over the last few decades, installations provide material for reflection on the relationships between the spectator and the work of art, as well as on the mechanisms of the art world. Central themes examined during the course include: analytical space, overloaded space, the enclosure of space, participatory space, and light-generated space. We visit a number of contemporary art museums and galleries in Paris. Ms. Kraguly.

Topic for 2007b: *From The Ideal Body to The Mutilated Body*. This course aims to generate a theoretical reflection on the use of the body in Art. The course material seeks to examine and analyze how the body has long been manipulated through its relationship with cultural, religious and political institutions, right up to the threshold of exploitation. We explore the body as a construction of forms of discourse, obligations and instruments of control. Ms. Kraguly.

269b. Music and Culture (1)

Topic may vary each year.

Topic for 2006/07: *Lyric Opera*. The course retraces the history of opera in France through an appreciation of the lyric form in its musical and literary manifestations, and as a reflection of the cultural life of France in the eighteenth and nineteenth

centuries. Emphasis is given to the relation between the dramatic and musical arts, the collaboration between librettist and composer, and approaches to staging. Three operas are examined in detail. Students attend performances of these works at the Garnier and the Bastille opera houses, and are asked to attend a fourth opera on their own. Visits to museums of music and opera are also arranged. Prerequisites: General background in music recommended. Mr. Memed.

272a and b. Writing Workshop (½)

This half-credit course is required of all students on the Vassar-Wesleyan Program. Year-long students take the workshop during the first semester only. The course prepares students to write papers for their classes. It covers common problems encountered in writing French and introduces students to the organization and style of written assignments in France. Students meet individually with a tutor for an additional weekly session.

273a, 274b. Special Topics: University of Paris (1)

Students in the Paris Program have the opportunity to enroll in French university courses under the supervision of the resident director and receive Vassar credit.

275b. Internship (2)

Internship in a French governmental, civic or volunteer organization through cooperation with the Internships in Francophone Europe program. Special application procedure.

Geology and Geography

Professors: Brian J. Godfrey (Chair), Jill S. Schneiderman; **Associate Professors:** Kirsten Menking, Jeffrey Walker (Associate Chair), Yu Zhou; **Assistant Professors:** Mary Ann Cunningham^b, Brian McAdoo, Joseph Nevins; **Visiting Assistant Professor:** Allison Tumarkin-Deratzian.

Geography

Faculty: see Geology-Geography

Requirements for Concentration: 11 units, including an introductory course (Earth Science and Society 100, Geography 102, or Geography 104); a geographic methods course (Geography 220, or 224); a 300-level geography seminar; an optional senior thesis (Geography 300), or another 300-level geography seminar; and the Senior Seminar (Geography 302). With the approval of the major adviser, two of the required 11 units may be taken at the 200- and 300-levels in cognate fields—such as anthropology, environmental studies, geology, international studies, or urban studies, if the courses are clearly related to the student’s focus in geography. After declaration of the major, no required courses may be taken NRO.

Senior-Year Requirement: Geography 300 (or another 300-level course), 302. Majors must write a senior thesis to be considered for departmental honors.

Recommendations: Geology 151; Field Work (290); and a study-abroad experience.

Students interested in focusing their geography program in areas such as environmental design, cultural ecology, global studies, land-use planning, or historic preservation should see the department for a list of recommended course sequences in geography and related disciplines.

Advisers: Ms. Cunningham, Mr. Godfrey, Mr. Nevins, Ms. Zhou.

Correlate Sequence in Geography: Geography offers correlate sequences which designate coherent groups of courses intended to complement the curricula of students majoring in other departmental, interdepartmental, and multidisciplinary programs. Students pursuing a correlate sequence in geography are required to complete a minimum of six courses in the department, including an introductory course and at least one 300-level seminar. The two suggested concentrations are outlined in detail below:

Environmental Land-Use Analysis: The correlate sequence in geography with a concentration in land-use analysis is intended for students interested in Environmental Studies. It offers a succinct program in physical geography for students interested in science education, urban planning, or environmental policy. With the consent of the adviser, one unit of geology may be selected. The six courses taken for this concentration may be selected from the following recommended list:

Geography 100	Earth Resource Challenges	(1)
Geography 102	Global Geography	(1)
Geography 104	Reading the Landscape	(1)
Geology 111	Earth Science and Environmental Justice	(1)
Geology 151	Earth, Environment, and Humanity	(1)
Geography 220	Cartography: Making Maps with GIS	(1)
Geography 222	Geographic Research Methods	(1)
Geography 224	GIS: Spatial Analysis	(1)
Geography 250	Urban Geography	(1)
Geography 256	Environmental Perception and Conservation History	(1)
Geography 260	Conservation of Natural Resources	(1)
Geography 266	Population, Environment, and Sustainable Development	(1)
Geography 302	Senior Seminar	(1)
Geography 356	Environment and Land-Use Planning	(1)
Geography 370	Topics in Social and Urban Geography	(1)

^b Absent on leave, second semester.

Society and Space: The correlate sequence in geography with a concentration in regional analysis is intended for students interested in area studies. It offers a succinct program in world regional geography for students interested in social studies education, international studies, or foreign language or area study. The six courses taken from this concentration may be selected from the following recommended list:

Geography 100	Earth Resource Challenges	(1)
Geography 102	Global Geography	(1)
Geography 220	Cartography: Making Maps with GIS	(1)
Geography 222	Geographic Research Methods	(1)
Geography 224	GIS Spatial Analysis	(1)
Geography 236	East Asia	(1)
Geography 238	China	(1)
Geography 240	Latin America	(1)
Geography 242	Brazil	(1)
Geography 246	American Landscapes	(1)
Geography 248	The U.S.-Mexico Border	(1)
Geography 266	Population, Environment, and Sustainable Development	(1)
Geography 270	Political Geography	(1)
Geography 272	Geographies of Mass Violence	(1)
Geography 276	Economic Geography	(1)
Geography 302	Senior Seminar	(1)
Geography 340	Advanced Urban and Regional Studies	(1)
Geography 370	Topics in Human Geography	(1)

I. Introductory

100a and [b.] Earth Resource Challenges (1)
(Same as Earth Science and Society 100 and Geology 100)

102a and b. Global Geography: Place-Making and the Modern World (1)
Places, as geographical locations and sites of significance, are a fundamental part of the human experience. This introduction to human geography examines how people make places through social practices that ascribe meanings to environments at scales ranging from the local to the global. Geographical case studies illustrate how human beings shape cultural landscapes and create spatial divisions on the earth's surface that in turn reflect and reproduce power relations, ideologies, socioeconomic differences, and resource distributions. Topics for study may include mapping and cartographic communication, population dynamics and spatial distributions, land-use and settlement patterns, urbanization and global cities, global political divisions, regional economic development, and cultural landscapes from the Hudson Valley and around the world. The department.

Two 75-minute periods.

[111a. Earth Science and Environmental Justice] (1)
(Same as Geology 111)
Not offered in 2006/07.

[104a. Reading the Landscape: Exploration, Travel, and Sense of Place] (1)
Using the literature of "discovery," encounter, travel, and regional description, the course examines a variety of primary resources, including journals, travelogues, maps, essays, photographs, regional novels, and field observation—and secondary resources as well. By studying such resources, students gain insight into dominant ways of seeing various peoples and places across the globe, and associated ways of life. The course also investigates major topics in world regional geography, with an emphasis on how geographers use varied sources of information to analyze spatial patterns and processes. Ms. Cunningham.

Open to freshmen only: satisfies college requirements for Freshman Course.
Two 75-minute periods.
Not offered in 2006/07.

[110b. Asian Studies Study Trip] (1)
(Same as Asian Studies 110)
Not offered in 2006/07

151a. Earth, Environment, and Humanity (1)
(Same as Geology 151)

II. Intermediate

The prerequisite for 200-level courses is 1 unit of introductory geography.

220a. Cartography: Making Maps with GIS (1)
(Same as Geology 220) Cartography, the science and art of map making, is integral to the geographer's craft. This course uses GIS to make thematic maps and to acquire and present data, including data fitting students' individual interests. In addition, we explore the culture, politics, and technology of historic cartography, and we examine techniques in using maps as rhetoric and as political tools. Throughout the course, we focus on issues of clear, efficient, and intentional communication through graphic presentation of data. Thus, the course integrates problems of graphic design and aesthetics with strategies of manipulating quantitative data. ArcGIS is used in labs for map production and data analysis. Ms. Cunningham.

Prerequisite: one 100-level geography or geology course, or instructor's permission.

Satisfies college requirements for quantitative reasoning.
Two 75-minute periods; one 2-hour laboratory.

221a. Soils and Terrestrial Ecosystems (1)
(Same as Geology 221)

224b. GIS: Spatial Analysis (1)
(Same as Geology 224) Geographic information systems (GIS) are increasingly important and widespread packages for manipulating and presenting spatial data. While this course uses ArcGIS, the same software as Cartography, the primary focus here is the analytical tools provided in the software, rather than issues of design and presentation. Spatial analysis involves a variety of techniques, including overlay, map algebra, hydrologic modelling, surface interpolation, and site selection. Issues of data collection through remote sensing and sampling are addressed. It is advised that students consider taking Cartography (Geography 220) before taking GIS, unless students have some experience with computer software and data. Ms. Cunningham.

Two 75-minute periods; two-hour laboratory.

226a. Remote Sensing (½)
(Same as Geology 226) Remote sensing is an increasingly important source of data for mapping and modeling earth systems. Surface features such as elevation, hydrography, soil moisture, greenness, snow cover, and urban growth are among the many factors that are monitored and measured by satellite-borne sensors. A basic understanding of remotely sensed data is, therefore, of great value to students of geography, geology, environmental science, and other fields. This 6-week course introduces the student to data collection from satellite sensors, the nature and structure of remotely sensed data, and methods of using and analyzing these data. The course uses a combination of lecture and laboratory to introduce and practice the methods of using remotely sensed data. Ms. Cunningham.

One 3-hour period for six weeks of the semester.

231a. Geomorphology: Surface Processes and Evolution of Landforms (1)
(Same as Geology 231)

236a. The Making of Modern East Asia (1)
(Same as Asian Studies 236). East Asia, the hearth of the oldest continuous civilization of the world, is now among the most dynamic power centers in the global economy. This course examines the common and contrasting experiences of East Asian countries as each struggled to come to terms with the expansion of global capitalism and with a western dominated global political order since the nineteenth century. We focus especially on their post-World War II experiences. Major themes include impacts of western and Japanese imperialism, the postwar economic rise of Japan, authoritarianism and democratization in newly industrialized regions, and the political and economic transformation of China. Attention is also given to issues of the environment and urbanization as part of East Asian modernization processes. Ms. Zhou.

Prerequisite: at least one 100-level course in geography or Asian Studies.

Two 75-minute periods.

[238b. China: Political-Economic Transformation] (1)

(Same as Asian Studies 238) China, one of the world's oldest cultures, has nourished a large portion of the global population. The country thus provides invaluable wisdom and lessons concerning the human-environment relations learned through a long history and various modern transformations. The course examines China's diverse physical environments, its cultural traditions, and human interactions with nature and society. The major part of the course, however, is devoted to its modern political economic transformation since 1949. We analyze China's experiment with state socialism in the post-World War II era, and the dramatic changes that occurred in rural and urban China after the reform policies since 1978. Controversial issues regarding China's policies on human rights, minority regions, and China's foreign relations come into focus at various points of the course. Ms. Zhou.

Not offered in 2006/07.

[240b. Latin America: Regional Development, Environment, and] Urbanization (1)

A study of developmental disparity, environmental change, and urbanization in shaping the regional geography of modern Latin America. Now overwhelmingly urbanized with some of the world's largest mega-cities, Latin America presents both the problems and promise of contemporary sustainable-development programs by governments and non-governmental organizations. Geographical perspectives enrich our understanding of uneven patterns of regional development, environmental impact, and urban growth at various scales of analysis. Topics for study include the following: development theory, colonialism's impact on native societies, race and gender relations, land tenure and rural modernization, problems of rapid urbanization, natural resource use, and contemporary development schemes in the Amazon Basin. Overall, the course examines the prospects for sustainable and socially equitable development in this increasingly important world region.

Two 75-minute periods.

Not offered in 2006/07.

242b. Brazil: Society, Culture, and Environment in Portuguese America (1)

(Same as Latin American and Latino/a Studies 242 and Africana Studies 242). Brazil, long Latin America's largest and most populous country, has become an industrial and agricultural powerhouse with increasing political-economic clout in global affairs. This course examines Brazil's contemporary evolution in light of the country's historical geography, the distinctive cultural and environmental features of Portuguese America, and the political-economic linkages with the outside world. Specific topics for study include: the legacies of colonial Brazil; race relations, Afro-Brazilian culture, and ethnic identities; issues of gender, youth, violence, and poverty; processes of urban-industrial growth; regionalism and national integration; environmental conservation and sustainability; continuing controversies surrounding the occupation of Amazonia; and

long-run prospects for democracy and equitable development in Brazil. Mr. Godfrey.
Two 75-minute periods.

[246. The American Landscape: From Wilderness to Walmart] (1)

The cultural landscape of the United States and Canada is examined through studies in historical, physical, regional, and social geography. The natural environment of North America, as perceived in early descriptions and as a formative basis for resource and economic development, is studied with relation to historical settlement patterns, agriculture, urbanization, and transportation. Regional diversity is shown both through physical habitat differentiation and cultural-ethnic patterns. Spaces of production and consumption, including the metropolis, suburbia and ex-urban, are examined with an emphasis on the sociospatial relations of race, class, gender and ethnicity. The department.

Not offered in 2006/07.

[248b. The US-Mexico Border: Region, Place, and Process] (1)

(Same as Latin American and Latino/a Studies 248) The United States-Mexico border region is the site of the only land boundary uniting and dividing the so-called First and Third worlds from one another. Barely older than 150 years, the border has become a highly significant bi-national region in terms of economic development, demographic growth, and ethno-cultural exchange. It has also evolved from an area of relatively low importance in the national imagination of the United States (and, to a lesser extent, of Mexico) to one of great significance. Yet, the making and the regulating of the international boundary and the territorial conquest and dispossession it involved have long been central to nation-state-making in both countries, as well as to the production of various social categories—especially race, ethnicity, citizenship, and nationality, but also class, gender, and sexual orientation. This course investigates these developments, while illustrating that the boundary has profound effects on people's lives throughout North America as it embodies a set of processes and practices that help define, unite and divide people and places. Mr. Nevins.

Two 75-minute periods.

Not offered in 2006/07.

250a. Urban Geography: Built Environment, Social Space, and Sustainability (1)

(Same as Urban Studies 250) Focusing on the uneven geographical development of global metropolitan regions, this course investigates the socio-spatial processes shaping urban built environments, social areas, and patterns of sustainability. Specific topics for study include the historical geography of urban location, city form, and land-use patterns; the contemporary restructuring of global cities; problems of suburban sprawl, edge cities, and growth management; urban renewal, redevelopment, and gentrification; spatialities of gender, race, ethnicity, and culture; urban design, cognitive geography, and public space; and movements for the "New Urbanism" and livable cities. Case studies provide theoretical tools to "read" the urban landscape as an urban geographer. Mr. Godfrey.

Two 75-minute sessions.

[256b. Environmental Perception and Conservation History] (1)

An exploration of the complex interrelationships and interpretations of nature, society, space, and place. The history of the United States and international conservation and environmental movements, including legislation and NGOs, is examined through literary, philosophical, and scientific works on conservation, wilderness, preservation, ethics, and aesthetics. In addition, a focus on environmental issues and cultural landscapes of the Hudson River Valley includes field trips to representative sites throughout the bioregion. The department.

Not offered in 2006/07.

[260a. Conservation of Natural Resources] (1)

(Same as Geology 260) Natural resources are perennially at the center of debates on sustainability, planning, land development, and environmental policy. The ways we conceptualize and understand resources are as important to understanding these issues as their actual distributions. This course provides a geographic perspective on global ecology and resource management, using local examples to provide deeper experience with resource debates. The focus of the course this year is forest resources: biodiversity, forest health, timber resources, and forest policy, and the ways people have struggled to make a living in forested ecosystems. We discuss these issues on a global scale (tropical timber piracy, boreal forests and biodiversity), and we explore them locally in the Adirondacks. This course requires that students spend October Break on a group trip to the Adirondacks. Students must be willing to spend long, cold days outside and to do some hiking (unless special permission is arranged with the instructor). Ms. Cunningham.

Two 75-minute periods.

Not offered in 2006/07.

266b. Population, Environment and Sustainable Development (1)

(Same as International Studies 266) This course examines major issues, myths, theoretical debates, and real-life controversies regarding population change and the environment from a political-ecology perspective. Political ecology studies the changing physical environment through the lens of political-economic institutions and social discourse. The first part of this course visits the theoretical debates on population and environment through demographic analysis and critical evaluation of healthcare and family planning policies. The latter half offers lessons on issues related to food scarcity and security, environmental and social movements in many developing regions such as China, India, Sub-Saharan Africa, and Latin America. Ms. Zhou.

Two 75-minute periods.

[270. Political Geography: The Nation-State System and the Rise of American Nationalism and Patriotism] (1)

One of the most striking features of the modern world is the division of the global map into nominally sovereign nation-states. This course investigates the origins and evolution of this politico-geographical form of organization, along with its various manifestations including territorial boundaries, nationalism, and changing conceptions of space. At the same time, the course introduces students to the study of political geography—the inter-relationship between socially constructed space(s) and political practices, structures, identities, worldviews, processes, and outcomes. As such, it also treats matters such as geopolitics, imperialism, and state-making. In the second half of the course, students focus on the rise and development of nationalism and patriotism in the United States in the context of an increasingly globalized world. Mr. Nevins.

Two 75-minute periods.

Not offered in 2006/07.

272a. Geographies of Mass Violence (1)

Violence has been an integral part of the making of landscapes, places, and the world political map. This course examines theories of violence, explanations of why it happens where it does, and how mass violence has come to shape local, national, and international geographies. In doing so, it analyzes how violence becomes embedded in geographical space and informs social relations. The course draws upon various case studies, including incidents of mass violence in Rwanda, Indonesia, East Timor, Guatemala, and the United States. Mr. Nevins.

Two 75-minute periods.

276a. Economic Geography: Spaces of Global Capitalism (1)

(Same as International Studies 276) The spatial patterns and dynamics of the world economy are examined in diverse industrial and regional settings. The focus is on the spatial distribution of economic activities, the use of resources, and development of regional economies. Topics may include the global shift of manufacturing activities, the

spatial organization of post-Fordist production, the spread and impact of agribusiness, globalization of services, foreign direct investment and multi-national corporations, and the interdependency between developed and developing economies. Ms. Zhou.
Two 75-minute periods.

290a or b. Field Work (½ or 1)
The department.

298a or b. Independent Work (½ or 1)
Open to qualified students in other disciplines who wish to pursue related independent work in geography. The department.

III. Advanced

300b. Senior Thesis (1)
The department.

302a. Senior Seminar: Issues in Geographic Theory and Method (1)
A review of the theory, method, and practice of geographical inquiry. The seminar traces the history of geographic thought from early episodes of global exploration to modern scientific transformations. The works and biographies of major contemporary theorists are critically examined in terms of the changing philosophies of geographic research. Both qualitative and quantitative approaches are discussed, along with scientific, humanist, radical, feminist, and other critiques in human geography. Overall, alternative conceptions of geography are related to the evolution of society and the dominant intellectual currents of the day. The student is left to choose which approaches best suits his or her own research. The seminar culminates in the presentation of student research proposals. Mr. Nevins.
One 2-hour period.

340a. Advanced Urban and Regional Studies (1)
(Same as Urban Studies 340) This seminar examines selected urban and regional issues at various geographical scales, ranging from the local to the global. Topics may change from year to year, in which case the seminar can be repeated for credit. Previous seminar topics include culture clash in Latin America; Central Asia in transition; Art, Ethnicity, and Environment in the American Southwest; the Asian diaspora; and Mega-Cities of Latin America.

Topic for 2006/07: *Important Areas Mapping: Biodiversity in the Peri-Urban Environment*. Biodiversity in and around urban areas is a theme of growing theoretical interest among conservationists, ecologists, and biogeographers. The mid-Hudson Valley is an ideal laboratory for examining theoretical issues and their expressions in the landscape. The region contains many "important areas," habitats supporting the region's rich but imperiled biodiversity. Using biogeographic perspectives and methods including landscape ecology, habitat mapping, and diversity assessments at a variety of scales, we read both literature and landscapes of this region to consider the question of what important areas are, why we think they are important, and what can be done to ensure their survival. Ms. Cunningham.

Prerequisite: one course in GIS, cartography, conservation biology, statistics, advanced environmental studies, or related fields.

By special permission.
One 4-hour period.

341b. Oil (1)
(Same as Geology 341 and Environmental Studies 341)

[356b. Environment and Land Use Planning] (1)
(Same as Geology 356 and Environmental Studies 356) This seminar focuses on land-use issues such as open-space planning, conservation, agriculture, and social effects of urban planning policies. The topic of the course this year is farmland preservation. We

examine the economics, demographics, landscape values, and social, environmental, and planning concerns surrounding both the disappearance of farmland in the mid-Hudson Valley and ongoing efforts to slow the loss of working farms in the area. Ms. Cunningham.

Prerequisite: one 200-level course in Geography, Geology, or Environmental Studies.

One 3-hour period.

Not offered in 2006/07.

370b. Topics in Human Geography (1)

(Same as Latin American and Latino/a Studies 370 and Urban Studies 370) This seminar focuses on advanced debates in the socio-spatial organization of the modern world. The specific topic of inquiry varies from year to year. Students may repeat the course for credit if the topic changes. Previous seminar themes include the urban-industrial transition, the urban frontier, urban poverty, cities of the Americas, segregation in the city, and global migration.

Topic for 2006/07: *From Mega-Cities to Eco-Cities? Environmental History, Planning, and Sustainability*. The unprecedented demographic and territorial dimensions of the world's sprawling city-regions raise a host of challenges for the future. Although mega-cities—commonly defined as metropolitan areas exceeding ten million inhabitants—have been studied extensively in terms of socioeconomic, political, and spatial processes of change and restructuring, only recently have scholars begun to investigate the mounting environmental problems that have long bedevilled major metropolises. This seminar explores the burgeoning scholarship on environmental history, urban planning, and ecological sustainability. We focus on several emerging research themes: innovative methods of studying urban environmental history; contemporary efforts to conserve deteriorating urban environments; and participatory citizenship and social justice in planning for “eco-cities.” Attention is given to such city-regions as New York, San Francisco, Mexico City, Rio de Janeiro, London, Istanbul, and Cairo. Students also have the opportunity to apply seminar concepts to research on a global city of their choice. Mr. Godfrey.

One 3-hour period.

[380b. Gender, Globalization and Democratization] (1)

Globalization and democratization are two contemporary processes that have had significant impact on societies across the globe. However, as recent debates have highlighted, such impacts are both ambiguous and socially and spatially uneven. In order to confront such ambiguity, this course examines the processes of globalization and democratization from the specific perspective of gender. This course draws on feminist theory as an analytical tool to examine women's experiences with contemporary global political and economic circumstances. Topics range from women's work in the global economy, to women's roles in formal and informal politics, to the global feminist and human rights movement. Ms. Martin.

One 3-hour period.

Not offered in 2006/07.

399a or b. Senior Independent Work (½ or 1)

The department.

Geography-Anthropology

Faculty: see Geology and Geography and Anthropology.

The interdepartmental concentration in geography-anthropology combines perspectives of these two social sciences in an examination of the cultural, ecological, and spatial relations of societies and their human environments.

Requirements for Concentration: 13 units, consisting of 6 units of geography, 6 units of anthropology, and the option of Geography-Anthropology 300 or, if not elected, an additional 300-level course in one of the departments in the senior year. In geography, the following are required: an introductory course (Geography 102 or 104); a methods course (Geography 220, 222, 224); a 200-level regional course (such as Geography 236, 240, and 248); and at least one advanced 300-level seminar. In anthropology the following are required: at least 2 units of 200-level work, such as 1 unit of an area (ethnography) course, and 1 unit of an ethnology or archaeology course; and 2 units of 300-level work.

Senior-Year Requirements: Geography-Anthropology 300 (or another 300-level course), Geography 302. Majors normally must write a senior thesis to be considered for departmental honors.

Recommendations: Field work or a study abroad experience in either anthropology or geography is recommended highly.

Advisers: chairs of Departments of Anthropology and Geography.

Course Offerings

See Geography and Anthropology.

300b. Senior Thesis (1)

399a or b. Senior Independent Work (½-1)

By permission of the adviser and the instructor who will supervise the work.

Geology

Faculty: see Geology-Geography.

Requirements for Concentration: 11 units including Geology 151 and 161, 2 units of graded work at the 300-level, and not more than 1 additional unit at the 100-level. With consent of the student's adviser, students may substitute one 200- or 300-level course in biology, chemistry, mathematics, or physics for 200-level work in geology.

Senior-Year Requirement: One graded 300-level course.

Independent Research: The geology department encourages students to engage in ungraded independent research with faculty mentors and offers ungraded courses Geology 198, 298, and 399. The department also offers Geology 300-301, an ungraded research experience for senior majors. Students who complete 300-301 are eligible for departmental honors upon graduation. Students should consult the chair or individual faculty members for guidance in initiating independent research.

Fieldwork: The department offers field work in geology. Students should consult a geology faculty adviser for details. Most graduate programs in geology expect that geology majors will have attended a six-week geology summer field camp for which students can receive field work credit in the department. Students should consult with the chair of geology about summer field camps.

Teaching Certification: Students who wish to obtain secondary school teaching certification in earth science should consult both the geology and education departments for appropriate course requirements.

Early Advising: Geological knowledge is useful in a variety of careers. Therefore, we urge potential majors to consult with a faculty member in geology as soon as possible in order to determine a course of study that reflects the interests and aspirations of the student. After declaration of the major, no NRO work is permissible in the major. The geology department also offers courses at the 100-level designed for students who may not intend to pursue geology at more advanced levels. These courses are appropriate for students curious about the earth and its life, especially those with concerns about environmental degradation and its impact on people living in both urban and rural settings.

Postgraduate Work: Students interested in graduate study in geology or environmental science should be aware that graduate and professional schools usually require courses beyond the geology concentration requirements. In general, students should have a year of biology, chemistry, physics and/or calculus, depending on the field of interest. Appropriate courses include Biology 105, 106; Chemistry 108, 109 or 125; Physics 113, 114; and Mathematics 101/102 or 121/122. We urge students to begin coursework in other sciences as soon as possible, since this assists them in successful completion of the geology major.

Advisers: Mr. McAdoo, Ms. Menking, Ms. Schneiderman, Mr. Walker.

Correlate Sequence in Geology: The Department of Geology and Geography offers a correlate sequence in geology. The correlate sequence complements the curricula of students majoring in other departmental, interdepartmental, and multidisciplinary programs. Students interested in a correlate sequence in geology should consult with one of the geology faculty members. The requirements for the correlate sequence in geology are five courses in the department including Geology 151, 161, and at least one 300-level course. Students should note the prerequisites required for enrollment in some of the courses within the correlate sequence.

I. Introductory

100a and [b.] Earth Resource Challenges (1)
(Same as Earth Science and Society 100 and Geography 100)

101b. Geohazards (½)
Geohazards explores the geological and societal causes of death and destruction by earthquakes, landslides, floods, volcanoes, storms, and avalanches around the world. Students explore basic earth processes and learn how the Earth and its inhabitants

interact in dangerous ways because people repeatedly fail to appreciate Earth's power. Ms. Menking.

Two 75-minute periods during the second six weeks of the semester.

103a. The Earth Around Us (½)

A series of lectures on topics such as water quality, soil erosion, global climate change, coastal development and environmental justice. A broad introduction to environmental problems and their impact on all living things. Ms. Menking.

Two 75-minute periods during the second six weeks of the semester.

[111b. Earth Science and Environmental Justice] (1)

(Same as Geography 111) Exploration of the roles that race, gender, and class play in contemporary environmental issues and the geology that underlies them. Examination of the power of governments, corporations and science to influence the physical and human environment. We critique the traditional environmental movement, study cases of environmental racism, and appreciate how basic geological knowledge can assist communities in creating healthful surroundings. Examples come from urban and rural settings in the United States and abroad and are informed by feminist analysis. Ms. Schneiderman.

Open to freshmen only; satisfies college requirement for a Freshman Course.

Two 75-minute periods; a one-day weekend field trip may be required.

Not offered in 2006/07.

121b. Oceanography (1)

The world's oceans make life on Earth possible. By studying the interactions among atmosphere, water, sediment, and the deep inner-workings of the earth, we gain an understanding of where the earth has been, where it is now, and where it is likely to go. Topics include: historical perspectives on the revolutionary discoveries in marine exploration; seafloor and ocean physiochemical structure; air-sea interactions from daily and seasonal weather patterns to climate change and El Niño cycles; earthquakes and tsunamis; waves and coastal processes; and critical biologic communities unique to the marine environment. Mr. McAdoo.

Three 50-minute periods; a one-day weekend field trip is required.

[131. Landscape and History of the Hudson Valley] (1)

Geology controls the landscape, and landscape has a profound influence on history. Through readings drawn from history, literature, science, and contemporary observers, supplemented by writing, discussion, and field trips, this course explores the relationship between geology, landscape, and cultural history in the mid-Hudson Valley region.

Not offered in 2006/07.

151a. Earth, Environment, and Humanity (1)

(Same as Geography 151) An introductory level course covering basic physical processes of the earth including plate tectonics, atmospheric and oceanic circulation, and biogeochemical cycles, geologic hazards such as earthquakes, floods, and volcanic eruptions, and human impacts on the environment including ozone depletion and acid rain. Mr. McAdoo.

Two 75-minute periods; one 4-hour laboratory/field session.

161b. The Evolution of Earth and its Life (1)

An examination of the origin of the earth and the evolution of life on this planet particularly in relation to global environmental change today. Topics include systematic paleontology, evolution and creationism, the profound depth of geologic time and its ramifications for life on earth, and mass extinctions of dinosaurs and other organisms. The department.

Two 75-minute periods; one 4-hour laboratory/field session.

198a or b. Special Projects in Geology**(½ or 1)**

Execution and analysis of field, laboratory, or library study. Project to be arranged with individual instructor. The department.

Open to first-year students and sophomores only.

II. Intermediate

Geology 151 or 161 are prerequisites for entry into 200-level courses unless otherwise stated.

201b. Earth Materials: Minerals and Rocks**(1)**

The earth is made up of many different materials, including minerals, rocks, soils, and ions in solution, which represent the same atoms recycled continually by geological and biogeochemical cycles. This course takes a wholistic view of the earth in terms of the processes leading to the formation of different materials. The class involves study in the field as well as in the laboratory using hand specimen identification along with the optical microscope and X-ray diffractometer. Mr. Walker.

Two 75-minute periods; one 4-hour laboratory/field session.

211a. Sediments, Strata, and the Environment**(1)**

Detailed study of modern sedimentary environments and their use in interpreting ancient sedimentary rocks. The chemical and physical processes leading to weathering, erosion, transport, deposition, and lithification of sediments are considered. Field interpretation of local Paleozoic, Pleistocene, and Holocene sediments are carried out through field study. Laboratories include the study of sediments in hand sample and using the petrographic microscope. The department.

Two 75-minute periods; one 4-hour laboratory/field session. An overnight weekend field trip may be required.

220a. Cartography: Making Maps with GIS**(1)**

(Same as Geography 220)

221a. Soils and Terrestrial Ecosystems**(1)**

(Same as Geography 221) Soils form an important interface between the lithosphere, hydrosphere, atmosphere, and biosphere. As such, they are critical to understanding terrestrial ecosystems. This course studies soil formation, and the physical and chemical properties of soils especially as related to natural and altered ecosystems. Field trips and laboratory work focus on the description and interpretation of local soils. Mr. Walker.

Prerequisite: one introductory course in Geology, Biology, or Chemistry.

Two 75-minute periods; one 4-hour laboratory/field session.

224b. GIS: Spatial Analysis**(1)**

(Same as Geography 224)

226a. Remote Sensing**(½)**

(Same as Geography 226)

231b. Geomorphology: Surface Processes and Evolution of Landforms**(1)**

(Same as Geography 231) Quantitative study of the geological processes and factors which influence the origin and development of Earth's many landforms. Topics include hillslope and channel processes, sediment transport, physical and chemical weathering and erosion, role of regional and local tectonics in the construction of marine terraces, mountain ranges and basins, and the role of climate in landscape modification. Ms. Menking.

Two 75-minute periods; one 4-hour laboratory/field session. An overnight weekend field trip may be required.

[251b. Global Geophysics and Tectonics] (1)

What can physics and simple math tell us about the earth? By utilizing an array of techniques, geophysicists gain an understanding of the processes that shape our planet. Reflection and earthquake seismology give us insight into deep earth structure, plate tectonic mechanisms, mountain building, basin formation, and hazard mitigation. Variations in the earth's gravitational field yield information on density contrasts beneath the surface, from the scale of mountain ranges to buried artifacts. Heat flow variations are useful in determining regional subsurface thermal structure, fluid advection, and climate variation. Laboratories are designed to use the skills required in most geology related fields. They involve the use of Geographic Information System (GIS) software, and construction of simple computer models. Mr. McAdoo.

Two 75-minute periods; one 4-hour laboratory.
Not offered in 2006/07.

[260a. Conservation of Natural Resources] (1)

(Same as Geography 260)

Not offered in 2006/07.

[261a. Field Geophysics: Digital Underground] (1)

This interdisciplinary project-based field course examines one study area throughout the course of the semester, collecting geophysical and archival data in the beginning, compiling and analyzing the data in a Geographic Information System (GIS), and synthesizing towards the end, culminating in a presentation of the results. An array of tools including an electrical resistivity meter, a Cesium vapor magnetometer, and a ground penetrating radar, are used survey various anthropogenic and natural structures. Historical and sociological research is used to place the project in context. Topics vary from year to year, but field locations may include pre-Columbian or historical archaeological sites such as forgotten African-American burial grounds, or sites of environmental concern to both citizens and developers. Mr. McAdoo.

Prerequisite: Geology 251 or Physics 114 or permission of instructor for non-science majors.

Two 75-minute periods; one 4-hour laboratory/field session.
Not offered in 2006/07.

[271a. Structural Geology: Deformation of the Earth] (1)

The study of the processes and products of crustal deformation and of the plate tectonic paradigm. Topics include the mechanics of deformation, earthquakes, mountain-building, geophysical principles, and neotectonics. Ms. Menking.

Two 75-minute periods; one 4-hour laboratory/field session. An overnight weekend field trip may be required.

Not offered in 2006/07.

275. Paleontology (1)

(Same as Biology 275) Examination of the evolution of life on earth as interpreted from the fossil record. Topics include methods and problems of classification of living and extinct organisms, mode and tempo of evolution, interpretations of lifestyle and paleoecology through analogies to modern communities, and significant origins and extinctions in a global paleoenvironmental context. Emphasis is placed on the fossil record of marine invertebrates; major groups of vertebrates, plants, and terrestrial invertebrates are also discussed. The department.

Prerequisite: Geology 161 (previously 152).
Two 75-minute periods; one 4-hour laboratory session.

290a or b. Field Work (½ or 1)**298a or b. Independent Work (½ or 1)**

Execution and analysis of a field, laboratory or library study. The project, to be arranged with an individual instructor, is expected to have a substantial paper as its final product. The department.

Permission of instructor is required.

III. Advanced

Prerequisite: 2 units of 200-level geology; see specific additions or exceptions for each course.

300-301. Senior Research and Thesis

(1)

Critical analysis, usually through observation or experimentation, of a specific research problem in geology. A student electing this course must first gain, by submission of a written research proposal, the support of a member of the geology faculty with whom to work out details of a research protocol. The formal research proposal and a final paper and presentation of results are required parts of the course. A second faculty member participates in the final evaluation. The department.

Permission of instructor is required.

[311b. Continental Margins]

(1)

From oil to fisheries to mining operations, the continental shelf and slope environment house most of our offshore resources. Additionally the margins of the continents are hazardous, where earthquakes, landslides, tsunamis, turbidity currents, and storm waves challenge those who work and live there. This class investigates these processes and how they are preserved in the geologic record. Mr. McAdoo.

Prerequisite: Geology 251 or 211 or 271 or permission of the instructor.

One 4-hour classroom/laboratory/field session.

Not offered in 2006/07.

[321a. Environmental Geology]

(1)

This course explores the fundamental geochemical processes that effect the fate and transport of inorganic and organic pollutants in the terrestrial environment. We link the effects of these processes on pollutant bioavailability, remediation, and ecotoxicology. Mr. Walker.

Prerequisite: Geology 201, or Chemistry 108/109, or Chemistry 110/111.

One 4-hour classroom/laboratory/field session.

Not offered in 2006/07.

331a. Paleoclimatology: Earth's History of Climate Change

(1)

This course discusses how Earth's climate system operates and what natural processes have led to climate change in the past. We examine the structure and properties of the oceans and atmosphere and how the general circulation of these systems redistributes heat throughout the globe. In addition, we study how cycles in Earth's orbital parameters, plate tectonics, and the evolution of plants have affected climate. Weekly laboratory projects introduce students to paleoclimatic methods and to real records of climate change. Ms. Menking.

Prerequisite: Geology 201, 211, and 231 or permission of instructor.

One 4-hour classroom/laboratory/field session.

341b. Oil

(1)

(Same as Geography 341 and Environmental Studies 341) For the hydraulic civilizations of Mesopotamia, it was water. For the Native Americans of the Great Plains, it was buffalo. As we enter the twenty-first century, our society is firmly rooted both culturally and economically in oil. This class looks into almost every aspect of oil. Starting at the source with kerogen generation, we follow the hydrocarbons along migration pathways to a reservoir with a suitable trap. We look at the techniques geologists and geophysicists use to find a field, and how engineers and economists get the product from the field to refineries, paying particular attention to environmental concerns. What is involved in the negotiations between multinational corporations and developing countries over production issues? What are the stages in refining oil from the crude that comes from the ground to the myriad uses seen today, including plastics, pharmaceuticals, and fertilizers, not to mention gasoline? We also discuss the

future of this rapidly dwindling, non-renewable resource, and options for an oil-less future. Mr. McAdoo.

Prerequisite: One 200-level Geology course or permission of instructor.
One 4-hour classroom/laboratory/field session.

[356b. Environment and Land Use Planning] (1)

(Same as Geography 356 and Environmental Studies 356)

Not offered in 2006/07.

[361b. Computer Methods and Modeling in Geology] (1)

Computer models have become powerful tools in helping us to understand complex natural systems. They are in wide use in geology in climate change research, prediction of groundwater and contaminant flow paths in sediments, and seismic hazard prediction, among other applications. This course introduces students to conceptual modeling with the use of the Stella box-modeling software package. Taking readings from the geological literature, we create and then perform experiments with simple computer models. Students also learn how to code their conceptual models in the programming language Fortran, the most widely used language in geology today. Ms. Menking.

One 4-hour classroom/laboratory session.

Not offered in 2006/07.

[383a. Topics in Vertebrate Paleontology] (1)

(Same as Biology 383) Examination and discussion of selected aspects of vertebrate evolution through geologic time, and methods by which vertebrate paleontologists reconstruct extinct species and communities from the (often incomplete) skeletal fossil record. Topics may include vertebrates' initial transition from water to land; major evolutionary innovations within reptiles and mammals; extinction and radiation in response to global and regional paleoenvironmental shifts; and human origins and evolution.

One 4-hour classroom/laboratory/field session. An overnight weekend field trip may be required.

Not offered in 2006/07.

399a or b. Senior Independent Work (½ or 1)

Execution and analysis of a field, laboratory, or library study. The project, to be arranged with an individual instructor, is expected to have a substantial paper as its final product. The department.

Permission of instructor is required.

German Studies

Associate Professors: Günter Klages, Jeffrey Schneider (Chair), Silke von der Emde^{ab};
Instructor: Elliott Schreiber.

All courses are conducted in German except for German 101, 235, 265, and 275.

Requirements for Concentration: 12 units: 8 units of German above the introductory level. Students can choose from German 210, 211, 230, 239, 260, 269, 270, 301, and 355. Students can take a maximum of 4 units approved by the German department in related fields. Upon the approval of the department, a maximum of 2 units from the Münster and 4 additional units from other programs abroad can be substituted for the 200-level courses.

Senior Year Requirement: German 301 and 355. Majors must take all 8 units in the German Studies Department in German. After declaring a concentration in German Studies, no courses taken under the Non-Recorded Option serve to fulfill the requirements. Students who wish to be considered for departmental honors must complete a thesis (German 300).

Recommendations: Vassar summer program in Münster, Germany; Junior Year Abroad, study at accredited summer schools.

Vassar Summer Program in Germany: Vassar College conducts a summer program in Münster, Germany. Students who successfully complete the program receive 2 units of Vassar credit. Minimum requirements are the completion of German 105-106, 109 (or the equivalent), and the recommendation of the instructor.

Correlate Sequence in German: Students majoring in other programs may complement their study by electing a correlate sequence in German. Course selection should be made in consultation with the department.

Correlate Requirements: 6 graded units, 4 of which must be taken above the 100 level. Students can choose from German 210, 211, 230, 239, 260, 269, 270, 301, and 355. All students must also complete either German 301 or 355. Upon the approval of the department, a maximum of 2 units from the Münster or other programs abroad can be substituted for the 200-level courses. No courses in English may count towards the correlate sequence.

Advisers: The department.

1. Introductory

101a. *Vampires, Lunatics, and Cyborgs: Exploring the Uncanny* (1) *Recesses of the Romantic Consciousness*

From the fairytales of the Brothers Grimm to E.T.A. Hoffmann's "Nutcracker and the King of Mice," German Romanticism has populated the modern imagination with a multitude of uncanny creations. This course examines the evolution of figures such as vampires, witches, golems, mad scientists, and cyborgs through German culture from their origins in the nineteenth century to their afterlife in the present, including film. In addition, we pursue their reception and development outside of Germany, for instance in Disney's versions of Grimms' tales and Tchaikovsky's *Nutcracker Suite*. Mr. Schreiber.

Readings and discussions in English.

Satisfies College requirement for a Freshman Course.

105a-106b. *Beginning German: The Stories of Childhood* (1)

This course offers a year-long introduction to the study of German language and culture through literature, fairy tales, and films for and about children. Since these materials tend to be linguistically easier, they are ideal for beginning language learning. Moreover, their role in socializing a new generation makes them important sources for understanding a culture's fundamental values and way of looking at the world. Materials range from classic texts, such as fairy tales by the Brothers Grimm, to contemporary stories, films, and television shows. In addition to offering a systematic introduction to German grammar and vocabulary, classroom activities promote practical and active oral and written communication. No prior experience with German required. Mr. Schneider.

Four 50-minute periods and four 30-minute drill sessions.

^{ab} Absent on leave for the year.

109b. Intensive Beginning German (2)

A single-semester study of the German language equivalent to German 105-106. Intensive training in the fundamental language skills. Designed for beginning students who wish to accelerate their learning of German. Mr. Klabes.

Open to all classes; five 75-minute periods, four 30-minute drill sessions, and computer-assisted instruction.

II. Intermediate**210a. Intermediate German I: Identity in Contemporary Germany** (1)

Low intermediate language study through short texts and research topics on questions of national identity in contemporary Germany. Strong emphasis is placed on developing vocabulary and reviewing grammar as well as developing oral and written expression. The course uses an online educational environment and may involve an exchange with learners at another college. Mr. Schreiber.

Prerequisite: German 106, 109 or the equivalent.

211b. Intermediate German II: Space in Weimar Germany (1)

Intermediate language study through texts and research topics on questions of space in Weimar Germany at the time of the "roaring Twenties." Strong emphasis is placed on developing vocabulary and reviewing grammar as well as developing oral and written expression. The course uses an online educational environment and may involve an exchange with learners at another college. Mr. Schreiber.

Prerequisite: German 210 or the equivalent.

230a. Intermediate German III: Contemporary German Culture and Media (1)

Advanced intermediate language study through an examination of debates about media (film, radio, journalism and rock music) in twentieth-century German culture. Strong emphasis is placed on developing vocabulary and reviewing grammar as well as developing oral and written expression. The course may involve an exchange with native speakers of German. Mr. Schneider.

Prerequisite: German 211 or the equivalent.

235b. Introduction to German Cultural Studies. (1)

Introduction to the methodological questions and debates in the field of German Cultural Studies. Topics may include German identity, reunification, U.S.-German cultural exchanges, and the status of the German language in a global world. Strong emphasis on formal analysis and writing.

Topic for 2006/07: *Contemporary Germany: In Search of Transparency and Soft-Power*. This course offers a study of contemporary Germany with its imperatives of transparency and soft-power. In its second decade after unification, Germany is on a decidedly transnational course where writers, filmmakers, artists and politicians are engaged in a self-critical polemic about the country's new European identity. We explore common values and differences in transatlantic relations between the US and Europe where "soft power" has become a distinct trademark in negotiations. The course draws on literary texts, political debates, cinema and the arts and may include works by Gunter Grass, Christa Wolf, films by New German Cinema, Kiefer's and Richter's art of mourning as well as Berlin's new architecture of transparency. Classroom instruction is complemented by trips to New York galleries, film screenings and stage performances. Mr. Klabes.

Readings and discussions in English. Open to all classes. German majors see German 239.

Two 75-minute periods.

239b. Introduction to German Cultural Studies for Majors (1)

Students in this course attend the same seminar meetings as in German Studies 235 but do the readings in the original, attend a separate discussion class, and take separate exams. Mr. Klabes.

Prerequisite: German Studies 230 or the equivalent or permission from the instructor.

260b. Developments in German Literature (1)

This course offers an overview of selected historical developments in German literature from the last three centuries.

Topic for 2006/07: To be announced.

Two 75-minute periods.

Prerequisite: German 230, 239 or the equivalent.

265a. German Film in English Translation (1)

This course offers an overview of selected historical and formal developments in German films from the silent period to the present.

Readings and discussions in English. Open to all classes. German majors see German 269.

Two 75-minute periods.

269a. German Film for Majors (1)

Students in this course attend the same seminar meetings as in German Studies 265 but do readings in German, attend a separate discussions class, and take separate exams.

Prerequisite: German Studies 230, 239 or the equivalent.

270a. Aesthetic Forms, Texts, and Genres (1)

In-depth study of one or more literary and non-literary genres in their historical and cultural contexts. Examples may be drawn from drama, poetry, autobiographies, manifestos, or essays.

Topic for 2006/07: *German Fairytale and Folklore in Literature, Art, and Music*.

Great literature, art, and music of all ages have borrowed fairytale motifs. This course approaches fairytales as works of art and explores their rich symbolism, social functions, and structural dynamics across the disciplines and in the context and taste of different eras. The course includes fairytales and legends by the Grimms and others and explores the impact on composers like Wagner and Humperdinck as well as on artists of the Romantic and Expressionist schools. Mr. Klabas.

Prerequisite: German Studies 230, 239 or the equivalent.

Two 75-minute periods.

275b. Advanced Topics in German Cultural Studies (1)

This course offers an extended analysis of one of the major issues in German Cultural Studies. Topics may include memory and the Holocaust, Nazi culture, issues of transparency in political culture, or lesbian and gay culture.

Topic for 2006/07: To be announced.

Readings and discussions in English. Open to all classes.

Two 75 minute periods.

298a or b. Independent Work (½ or 1)

Permission required.

III. Advanced

For advanced work in German, students must complete the following: German 230, 239, 260, 269, and 270 or their equivalent.

300a or b. Senior Thesis (1)

Open only to majors. The department. Permission required.

301a. Senior Seminar (1)

An examination of selected topics in German literature and culture. May be taken more than once for credit when topic changes.

Topic for 2006/07: *German Romanticism: Poetic and Pictorial Images*. This course examines the strategies of writers and artists struggling to find meaning in a time of revolutionary political and cultural change. Particular attention is paid to changes in cultural aesthetics and new literary and artistic forms with a view toward their legacy

in twentieth-century Germany. Course may include works by Novalis, Tieck, Kleist, Guenderode, E.T.A. Hoffmann as well as by artists from the German Romantic School like C.D. Friedrich and Runge. Mr. Klages.

302a-303b. Senior Thesis (½)

Open only to majors. The department.

Permission required.

355b. Advanced Seminar (1)

An examination of selected topics in German literature and culture. May be taken more than once for credit when topic changes. Mr. Schreiber.

Topic for 2006/07: To be announced.

Two 75-minute periods.

Greek

For curricular offerings, see Classics, page 138.

Hebrew

For curricular offerings, see Jewish Studies, page 261.

Hispanic Studies

Professors: Andrew Bush^{ab}, Elizabeth Paravisini-Gebert; **Associate Professors:** Michael Aronna (Chair), Mario Cesareo, Mihai Grünfeld; **Assistant Professor:** Eva Maria Woods.

Requirements for Concentration: 10 units beyond the introductory level. These 10 units must include 3 units from the group Hispanic Studies 226, 227, 228, 229 and 3 units at the 300 level, including one Latin American Seminar (387) and one Peninsular Seminar (388). Two units must be elected in the senior year. After declaration of the major or correlate, all courses in the department must be taken for a letter grade.

Senior-Year Requirements: Two units at the 300-level. Students who wish to be considered for departmental honors must complete a senior thesis (Hispanic Studies 300).

Teaching Certification: Students who wish to obtain Secondary Certification in Spanish must complete, in conjunction with the program of study outlined by the education department, 8 units of 200-level courses and above in Hispanic Studies.

Correlate Sequence: 6 units beyond the introductory level, including at least one 300-level course.

Study Away: Majors are expected to study, usually during the junior year, in a Spanish-speaking country. The department sponsors two study away programs: the Vassar-Wesleyan Program in Madrid (academic year) and the Vassar Summer Program in Mexico (summer), open to all qualified students. The courses offered in each of these programs are included below.

Advisers: The department.

I. Introductory

105a-106b. Elementary Spanish Language (1)
Fundamentals of the grammar and structure of the Spanish language with emphasis on oral skills and reading.

Open to students with two years or less of high school Spanish.

Five 50-minute periods; one hour of laboratory or drill.

II. Intermediate

205a and b. Intermediate Spanish (1)
Intensive study and review of Spanish grammar at the second-year level with emphasis on oral practice and writing skills.

Prerequisite: Hispanic Studies 105-106 or 109, or three years of high school Spanish.

Three 50-minute periods.

206 a and b. Reading and Writing about Hispanic Culture (1)
Reading, writing and speaking skills are developed through study of cultural and literary texts and audiovisual materials.

Prerequisite: Spanish Studies 205 or four years of high school Spanish.

Two 75-minute periods plus one hour of oral practice.

216 a and b. Methods in Interdisciplinary Analysis (1)
This course develops a set of methodological and theoretical tools for the investigation of cultural practices such as literature, popular and mass culture, social movements and institutions in Spanish-speaking countries.

Prerequisite: Hispanic Studies 206.

226a. Medieval and Early Modern Spain (1)
Studies in Spanish literary and cultural production from the time of the Reconquest to the end of the Hapsburg Empire.

Prerequisite: Hispanic Studies 216.

^{ab} Absent on leave for the year.

227b. Colonial Latin America (1)

Topic for 2006/07b: The Utopia of Latin America. The notion that Latin America constituted an ideal place for the “discovery,” recuperation or recreation of a perfect society has been a constant theme in Latin American cultural and political discourse since the time of the conquest. The utopian discourse in Latin America was informed by Greco-Roman letters and science, medieval European myth, indigenous and African experiences of lost and reconstituted societies, and the scientific and philosophical ideas concerning “natural man” of the eighteenth and nineteenth centuries. After independence, political and cultural rhetoric continued to redefine the concept of Latin American utopia in the context of national consolidation, economic development and scientific progress. The course explores texts, images and films of this tradition. Mr. Aronna.

Prerequisite: Hispanic Studies 216.

228a. Modern Spain (1)

Studies in Spanish literary and cultural production from the beginning of the Bourbon monarchy to the present.

Topic for 2006/07a: *El Macho Ibérico: Masculinity in Modern Spain*. This course studies how constructions of masculinity (heterosexual and gay) have supported or undermined ideologies of nationalism, the state, and Spain’s exported image of itself to the rest of the world. Beginning with Enlightenment notions of the subject, the observer, and bourgeois patriarchy, we examine how representations of masculinity were manipulated during Romanticism, the Generation of 1898, the Franco dictatorship, and post-Franco Spain. The objects of study are novels, poetry, plays, and films. Ms. Woods.

Prerequisite: Hispanic Studies 216.

229b. Postcolonial Latin America (1)

Studies in Latin American literary and cultural production from the emergence of the nation states to the present. Thematically structured, the course delves into the social, political, and institutional processes undergone by Latin America as a result of its uneven incorporation into world capitalist development.

Topic for 2006/07b: *Cuban Literature, Art, and Popular Culture*. The course explores the configurations of Cuban national and popular culture from the 1890’s to the present. Mr. Cesareo.

Prerequisite: Hispanic Studies 216.

[281a. The Art of Public Speech and Conversation in Spanish] (1)

This oral workshop provides a space for the development of the student’s ability as reader, listener, and speaker of texts in Spanish. Reading, listening, and oral assignments include the discussion of news, politics, literature, popular and mass culture, radio and television broadcasts, films, essays, and other cultural artifacts from Latin America. The theoretical readings and practical exercises are designed to enrich the students’ ability to give oral form, texture, and voice to their thinking in everyday as well as academic contexts. Mr. Cesareo.

Prerequisite: Hispanic Studies 206 or above.

Not offered in 2006/07.

290a or b. Field Work (½ or 1)

Individual projects or internships. The department.

Special permission.

Prerequisite: 1 unit of Hispanic Studies 206 or above.

298. Independent Work (½ or 1)

Prerequisite: 2 units of Hispanic Studies 226 or above. The department.

III. Advanced

Prerequisite for all advanced courses: 3 units from Hispanic Studies 216 and above or by permission of instructor.

300b. Senior Thesis (1)
The department.

387a or b. Latin American Seminar (1)
A seminar offering in-depth study of topics related to the literary and cultural history of Latin America. This course may be repeated for credit when the topic changes.

Topic for 2006/07a: *Science Fiction, Horror, and the Occult in Latin*. This seminar examines the unique origins and evolution of the literature and film of science fiction, horror and the occult in Latin America. The course focuses on the culturally heterogeneous and politically charged context of notions of nature, futurity, progress, dystopia, desire, the uncanny, anxiety, the repressed and the unknown that underlie these interrelated genres in Latin America. Mr. Aronna.

Topic for 2006/07b: *The Eye and the Compass: Argentine Cinema*. This multidisciplinary seminar studies Argentine film production from a historical, aesthetic, and critical perspective. The production of images and narratives is analyzed in the context of the populist affirmation and neo-liberal crisis of the Argentine nation-state, militarization, transnational capitalism and postmodernity. Concepts borrowed from anthropology, political economy, ecology, and film theory are introduced and used as interpretative tools. Coursework includes viewing of films, reading of theoretical and historical scholarship, attending class discussions and writing of a 20 page-long research paper. Mr. Cesareo.

388a. Peninsular Seminar (1)
A seminar offering in-depth study of topics related to the literary and cultural history of Spain. This course may be repeated for credit when the topic changes.

Topic for 2006/07b: *Projecting Race in Twentieth-Century Spain*. Despite their symbolically central place in literary and artistic traditions in Spain, historically and socially Rrom (pejoratively know as Gypsies) and African immigrants have been persecuted and oppressed. Likewise, Basque, Catalan, and Galician cultures have been prohibited from expressing themselves due to prohibition of their language and their traditions. This course traces the construction and projection of race and peripheral nationality through a wide array of texts ranging from canonical authors and cultural anthropologists to popular writers, artists, and filmmakers. Issues discussed include the examination of paradigms that were consistently adopted throughout Spanish history to construct notions of racial alterity and thereby justify exclusion of minorities; if or how authors and filmmakers have succeeded in countering racist representations; and finally the possibility of successful self-representation of these excluded groups. Ms. Woods.

399. Senior Independent Work (½ or 1)

Vassar-Wesleyan Program in Madrid

210. Spanish Language and Civilization (½)
This orientation course offers an intensive language review and an introduction to selected aspects of Spanish culture. In the fall term, this course is taught in Santiago de Compostela; in the spring term, in Granada.

211. Advanced Spanish Language (1)
Study and application of the grammatical principles which underlie effective written and oral communication in Spanish.

212. Composition (1)
Study and practice of various forms of prose composition, such as letters, diaries, news reports, analytic essays and research papers.

- 230. Modern Spanish Literature** (1)
An overview of the most significant literary movements, genres and authors of nineteenth- and twentieth-century Spain.
- 231. Modern Latin American Literature** (1)
Reading and analysis of selected works by twentieth-century Latin American writers.
- 232. The Short Story in Spanish** (1)
Theory and practice of the short story as exemplified by writers from Spain and Latin America.
- 233. Spanish Theater: From Drama to Performance** (1)
Study of selected Spanish plays, with special attention to the realization of the script in performance.
- 234. History of Spain** (1)
This course explores some of the pivotal moments in Spanish history, from antiquity to the present.
- 235. Spanish Cinema** (1)
An introduction to the terminology of film aesthetics and the evolution of cinema in Spain.
- 236. Spanish Art History** (1)
The art and architecture of Spain from medieval times to the present. Class visits to the principal museums and to representative neighborhoods in Madrid.
- 237. European and Spanish Law** (1)
An introduction to the fundamental texts and tenets of the Spanish legal system (civil, penal and commercial).
- 238. European and Spanish Institutions** (1)
An overview of the governmental organization of contemporary Spain (the monarchy, the parliamentary system, the judiciary, regional and local governments) and the political structure of the European Union.
- 239. European and Spanish Economy** (1)
The state of the Spanish economy since Spain joined the European Union.
- 240. Spain Today** (1)
Social, political and cultural aspects of present-day Spain as reflected in the daily press.
- 241. Geography of Spain: Space and Society** (1)
A study of the physical and human geography of Spain through the spatial analysis of topography and cultural, political, and socioeconomic systems.
- 245. Special Topics: Estudios Hispánicos** (1)
A special studies (i.e., not regularly offered) class taught in the Curso de Estudios Hispánicos at the Universidad Carlos III in Madrid.
- 250. Special Topics: Humanidades** (½)
Students in the Spain Program may enroll in short-term classes offered in the Curso de Humanidades at the Universidad Carlos III in Madrid.

260. Specials Topics: Universidad Carlos III (1 or 1½)
Students in the Spain Program may enroll in regular undergraduate classes (Asignaturas de Licenciatura) at the Universidad Carlos III in Madrid.

Vassar Summer Program in Mexico

Students in this six-week summer program in Oaxaca, Mexico take two units: 204, Mexican Culture, plus one language or literature course.

204. Mexican Culture (1)
A series of workshops, lectures, excursions, readings and discussions form the basis of this examination of selected aspects of Mexican culture. Required of all program participants.

205. Intermediate Spanish (1)
Intensive study and review of Spanish grammar at the second-year level with emphasis on oral practice and writing skills.
Prerequisite: Hispanic Studies 105-106, or three years of high school Spanish.

220. Language Study: Advanced (1)
Study of selected topics of Spanish grammar at the advanced level.
Prerequisite: Hispanic Studies 205-206 or four or more years of high school Spanish.

275. Mexican Literature. (1)
Reading and analysis of Mexican literary works.
Prerequisite: Hispanic Studies 216.

History

Professors: Robert Brigham, Miriam Cohen, Rebecca Edwards (Chair), James H. Merrell; **Associate Professors:** Nancy Bisaha, Mita Choudhury, Maria Höhn, Leslie Offutt^{ab}, Ismail Rashid; **Assistant Professor:** Lydia Murdoch, Michaela Pohl, Joshua Schreier, Hiraku Shimoda; **Adjunct Associate Professor:** Michael Hanagan.

Requirements for Concentration: 11 units, to include the following courses above the introductory level: 1 unit in European history; 1 unit in United States history; 1 unit in Asian, African, Latin American, or Middle Eastern history; 1 unit of pre-1800 history chosen from among History 215, 225, 230, 259, 262, 271, 274, 315, 325, 331, 332, 366, 381; 1 unit from either of the two previous categories (Asian, African, Latin American, or Middle Eastern history; or pre-1800 history); History 300-301; in addition to the Thesis, two 300-level courses. No cross-listed courses originating in another department may be used for distribution requirements. No more than two cross-listed courses originating in another department can count toward the history minimum requirement of 11 units.

Senior-Year Requirements: History 300-301 (Thesis) and at least one other 300-level course.

Recommendations: Reading knowledge of at least one foreign language. Students planning to go on to graduate school should find out which language examinations are required for advanced degrees.

Advisers: The department.

Correlate Sequence in History Requirements: No fewer than 6 units in history, normally taken at Vassar. Ordinarily, this will include one course at the introductory level, at least three at the intermediate level, and at least one course at the advanced level. AP credit will not be accepted for the correlate sequence. No more than one (1) history course counted toward the correlate may be taken NRO, or outside the department.

Students should apply to the Correlate Sequence Adviser in their sophomore or junior year after discussing their plans with their major advisers. No correlate sequence can be declared after the beginning of the senior year. The courses selected for the sequence should form a coherent course of study. The list of the courses proposed and a brief written proposal articulating the focus of the sequence must be submitted to the Correlate Sequence Adviser for approval prior to declaration.

I. Introductory

In format, these tend to be period courses, but they are not conventional surveys. Their purpose is less merely to “cover” a certain area and era than to provide a general introduction to the historian’s craft. Relying heavily on primary sources that bring us face to face with the past, these courses acquaint students with the complexity, ambiguity, and excitement of that past.

116b. “The Dark Ages,” c. 400-900 (1)
 (Same as Medieval and Renaissance Studies 116) Was early medieval Europe really Dark? In reality, this was a period of tremendous vitality and ferment, witnessing the growth of Germanic kingdoms, the high point of the Byzantine Empire, the rise of the papacy and monasticism, and the birth of Islam. This course examines a rich variety of sources that illuminate the unfortunately named “dark ages,” showing moments of both conflict and synthesis that arose from the meeting of Classical, Christian, and “barbarian” cultures. Ms. Bisaha.

121a or b. Readings in Modern European History (1)
 This course explores key developments in European history from the French Revolution in 1789 to the collapse of communism two centuries later. While roughly chronological, the class is not a survey. Readings explore the impact of the French and Industrial revolutions, the rise of nation states, World War I and the Russian revolution, Nazi

^{ab} Absent on leave for the year.

Germany and the Holocaust, and Europe's Cold War division and continuing, contested integration. The department.

123a. Europe at the Crossroads, 1500-1789 (1)

In 1500 Europe faced a series of profound challenges and hard choices. This course explores how European identity changed dramatically as a result of great religious, political, and social upheaval within Europe as well as the “discovery” of worlds beyond the continent. How did people—rich and poor, men and women—experience such wrenching change? Topics include witchcraft, reformation, encounters with America, Asia, and Africa, and the “revolutions”—political, intellectual, and social—that defined the period. Ms. Choudhury.

151b. British History: James I (1603) to the Great War (1)

This course explores the central developments in Britain from the age of Shakespeare to the age of total war. We study the political and scientific revolutions of the seventeenth century, the eighteenth-century rise of commercial society and the “British” nation, and the effects of industrialization on Britain's landscape, society, and politics. The course concludes by exploring how the First World War transformed British society. Ms. Murdoch.

160a or b. American Moments: Readings in U.S. History (1)

This course explores some of the pivotal moments in American history, from the late colonial era to the late twentieth century. While roughly chronological, the course is not a survey. Rather, it focuses on selected events, people, and texts that illuminate particularly crucial periods in America's past. Topics include the process of nation building, racial and ethnic relations, gender roles, protest movements and the growth of the regulatory state, the Cold War, and the paradox of class formation in a “classless” society. The department.

Sections .01 and .02 open only to freshmen; satisfies college requirement for a Freshman Course.

Other sections are open to all classes.

[162a. Latin America: The Aftermath of Encounter] (1)

This course adopts a thematic approach to the development of Latin American societies, treating such issues as cultural contact and the development of strategies of survival, the development and regional distribution of African slavery, the quest for national identity in the early nineteenth century, the impact of United States imperialism in Latin America, and the revolutionary struggles of the twentieth century. As an introductory course both to the discipline and to multidisciplinary studies, it draws, among other sources, on chronicles (both European and indigenous), travelers' accounts, testimonial literature, and literary treatments to provide the student a broad-based preparation for more advanced study of the region. Ms. Offutt.

Not offered in 2006/07.

174b. The Emergence of the Modern Middle East (1)

An exploration of the Middle East over the past three centuries. Beginning with economic and social transformations in the eighteenth century, we follow the transformation of various Ottoman provinces such as Egypt, Syria/Lebanon, and Algeria into modern states, paying careful attention to how European colonialism shaped their development. We then look at independence movements and the post-colonial societies that have emerged since the middle of the twentieth century, concluding with study of colonialism's lingering power—and the movements that confront it. Mr. Schreier.

180a. Globalization in Historical Perspective, 1850 to the Present (1)

Commentators tell us that we live in “a global age,” but dramatic increases in worldwide contacts—economic and social, political and cultural—are not unique to our time. In the late nineteenth century, for example, steamships, telegraphs, railroads, and even movies fostered an increase of interaction across national boundaries and across oceans

that was every bit as remarkable as today's. Using such sources as novels, maps, and picture postcards from the Aran Islands to Senegal, this course explores the modern roots and historical development of globalization. Mr. Hanagan.

II. Intermediate

The prerequisite for courses at the 200-level is ordinarily 1 unit in history.

214a. The Roots of the Palestine - Israel Conflict (1)

An examination of the deep historical sources of the Palestine - Israel conflict. The course begins some two centuries ago when changes in the world economy and emerging nationalist ideologies altered the political and economic landscapes of the region. It then traces the development of both Jewish and Arab nationalism in the late nineteenth and early twentieth centuries before exploring how the Arab and Jewish populations fought—and cooperated—on a variety of economic, political, and ideological fronts. It concludes by considering how this contest led to the development of two separate, hostile national identities. Mr. Schreier.

215b. The High Middle Ages, c. 950-1300 (1)

This course examines medieval Europe at both its cultural and political height. Topics of study include: the first universities; government from feudal lordships to national monarchies; courtly and popular culture; manorial life and town life; the rise of papal monarchy; new religious orders and spirituality among the laity. Relations with religious outsiders are explored in topics on European Jewry, heretics, and the Crusades. Ms. Bisaha.

216a. History of the Ancient Greeks (1) (Same as Classics 216)

[217a. History of the Ancient Romans] (1) (Same as Classics 217) Mr. Lott. Not offered in 2006/07.

223a. Modern Chinese Revolutions (1)

From millenarian peasant uprisings in the mid-nineteenth century and the 1911 Revolution to Chairman Mao and the 1989 Tiananmen Square incident, modern China has undergone multiple revolutionary transformations. These mass movements helped topple an imperial dynasty, brought about an unprecedented republic, established the world's largest Communist system, and have subsequently challenged that system. Each successive revolutionary aspiration, however, regarded itself a part of an on-going revolutionary tradition and constantly drew from a repertoire of accumulated knowledge and practices. We explore both continuities and change within this rich tradition of mass political movements that remain powerful today. Mr. Shimoda.

224b. Modern Japan, 1868 - Present (1)

This course examines one of the most dramatic and unlikely national transformations in world history. In less than a century, an isolated, resource-poor country on the edge of East Asia was able to remake itself in the image of a Western nation-state. While Japan shared the experience of modernity with the Western world, its historical circumstances ensured that modern Japan would face distinctive tensions and complications. We examine this transformation not as a linear progression from "traditional" to "modern" but as a negotiation between competing perspectives and possibilities. Course materials include original sources in translation, autobiographies, oral history, film, and literature. Mr. Shimoda.

225a. Renaissance Europe, c. 1300 - c. 1525 (1)

A study of the forces of continuity and innovation—social, political, and cultural—in Western society from the age of Dante to that of Erasmus and More; consideration of the ideas of "rebirth" and "reform" as they affected religion, philosophy, learning, and the arts. Ms. Bisaha.

- 230a. From Tyranny to Terror: The Old Regime and the French Revolution** (1)
 Eighteenth-century France was a society in transition, a society in which social and cultural ideals and realities were increasingly at odds. The tensions within society and the state finally erupted into the cataclysmic French Revolution, which paved the way for modern political life. Using primary and secondary sources, this course focuses on topics such as the social structure of the Old Regime, the Enlightenment, and the volatile political climate preceding the revolution. We examine different interpretations of what caused the French Revolution as well as the dynamics of the Revolution itself between 1789 and 1799. Ms. Choudhury.
- 231b. France and its “Others”** (1)
 Over the last two centuries, France has had a complicated relationship with difference. This course traces modern French history with a particular eye towards the place of various “others” in the nation. Of special interest are Jews, Muslims, women, and Africans. In addition to certain central texts, the course considers writing by French revolutionaries, feminists, colonialists, and racists to get a better idea of how various people have framed debates about difference. We conclude in recent times, using films, novels, and music to sketch the contours of multi-cultural France. Mr. Schreier.
- 232a. France in the Nineteenth Century: An Age of War and Revolutions** (1)
 France was the capital of revolutionary Europe between 1789 and 1914; four major revolutions swept the country. However, accelerated industrialization and rapid urbanization shaped France in a variety of ways, not all of them revolutionary. This course examines how the themes of war and revolutions influenced French artistic and intellectual life. Mr. Hanagan.
- 236a. Germany, 1740-1918** (1)
 This course covers the history of the German lands from 1740 to the end of World War I. Aside from providing a chronological political narrative, assigned readings focus in greater detail on a number of themes to illuminate the specific character of German history. Topics include: the demise of the universalist idea of the Holy Roman Empire; the German Enlightenment and the legacy of enlightened absolutism on state/society relations; the impact of the Napoleonic revolution; the failures of 1848; the Prussian-led unification; the legacy of Bismarck’s domestic policies on German political culture and social life; German imperialism and World War I. Ms. Höhn.
- 237b. Germany, 1918-1990** (1)
 This course covers German history from the end of World War I to the 1990 unification that ended the post–World War II split of German society into East and West. Aside from familiarizing you with a narrative of German political, social, and cultural history, the readings also explore some of the so-called “peculiarities” of German history. Did Bismarck’s unification from above and the pseudo-constitutional character of the Second Reich create a political culture that set the country on a *Sonderweg* (special path) of modernization ending in the catastrophe of Auschwitz? Why did Weimar, Germany’s first experiment with democracy, fail, and why is Bonn not Weimar? Finally, what road will the new Germany take within Europe and the world? Ms. Höhn.
- 242a. The Russian Empire, 1552-1917** (1)
 This course introduces major events and issues in the history of the Russian empire from the conquest of Kazan to the February revolution, 1552-1917. What effect did expansion have on Russia and what role did non-Russians play in this multi-ethnic empire? Why did autocratic rule last so long in Russia and what led to its collapse? Using primary sources—including documents in translation and ethnographic accounts—and drawing on new ways of seeing the imperial experience, we explore not only sources of conflict, but points of contact, encounters, and intersections of state and social institutions. Ms. Pohl.

243b. The Soviet Union and the Rebirth of Russia, 1917-Present (1)

This course examines the history of Russian and non-Russian peoples in the Soviet Union, focusing on the Bolshevik revolution, the Stalin period, and the difficulties of reforming the system under Krushchev and Gorbachev. Using sources including oral history and ethnographic accounts, we explore how Soviet society was shaped by the imperial legacy, Communist ideology, modernization, and war. Special attention is paid to the collapse of the Soviet Union and to the nature of change in the post-Soviet era. Ms. Pohl.

251b. A History of American Foreign Relations (1)

An historical analysis of the foreign relations of the United States, emphasizing the social, cultural, economic, and ideological forces involved in the formulation of foreign policy from 1789 to the present. Mr. Brigham

254b. Victorian Britain (1)

This course examines some of the key transformations that Victorians experienced, including industrialization, the rise of a class-based society, political reform, and the women's movement. We explore why people then, and historians since, have characterized the Victorian age as a time of progress and optimism as well as an era of anxiety and doubt. Ms. Murdoch.

255a. The British Empire (1)

This course is an introduction to British imperialism from the mid-eighteenth century to the present, with particular attention to Britain's involvement in Ireland, the Caribbean, India, and Africa. We examine British motives for imperialism, the transition from trade empires to more formal political control, and the late nineteenth-century "scramble for Africa." Other main topics include responses to colonialism, the growth of nationalism, decolonization, and the effects of an increasingly multi-cultural domestic population on Britain. Throughout the course we explore the empire as a cultural exchange: the British influenced the lives of colonial subjects, but the empire also shaped British identity at home and abroad. Ms. Murdoch.

[259b. The History of the Family in Early Modern Europe] (1)

This course examines the changing notions of family, marriage, and childhood between 1500 and 1800 and their ties to the larger early modern context. During this period, Europeans came to see the family less as a network of social and political relationships and more as a set of bonds based on intimacy and affection. Major topics include: family and politics in the Italian city-state, the Reformation and witchcraft, absolutism and paternal authority, and the increasing importance of the idea of the nuclear family. Ms. Choudhury.

Not offered in 2006/07.

260a. Women in the United States to 1890 (1)

An examination of women's social, economic, and political roles in colonial America and the eighteenth and nineteenth century U.S. The course emphasizes varieties of experience based on race, ethnicity, class, and region. Major issues include the household and other workplaces, changes in society and family life, slavery and emancipation, and women's growing influence in public affairs from the Revolution to the Gilded Age. Ms. Edwards.

261a. History of Women in the United States Since 1890 (1)

Traces the changes in female employment patterns, how women combined work and family responsibilities, how changes in work and family affected women's leisure lives from the late nineteenth century through the development of postindustrial America. The course also explores the women's rights movements of the twentieth century, and how class, race, and ethnicity combined with gender to shape women's lives. Ms. Cohen.

[262a. Early Latin America to 1750] (1)

This course examines the pre-Columbian worlds of Mesoamerica and the Andean region, then turns to a treatment of the consequences of contact between those worlds and the European. Special emphasis is placed on the examination of mindsets and motives of colonizer and colonized and the quest for identity in the American context (both issues intimately related to questions of race and ethnicity), the struggle to balance concerns for social justice against the search for profits, the evolution of systems of labor appropriation, the expansion of the mining sector, and the changing nature of land exploitation and tenure. Ms. Offutt.

Not offered in 2006/07.

[263a. From Colony to Nation: Latin America in the Nineteenth Century] (1)

This course treats the transition from colony to nation in Spanish and Portuguese America. In part a thematic course treating such topics as the Liberal/Conservative struggles of the early nineteenth century, the consequences of latifundism, the abolition of slavery, and the impact of foreign economic penetration and industrialization, it also adopts a national approach, examining the particular historical experiences of selected nations. Ms. Offutt.

Not offered in 2006/07.

[264b. The Revolutionary Option? Latin America in the Twentieth Century] (1)

This course investigates why certain Latin American nations in the twentieth century opted for revolution and others adopted a more conservative course. It examines the efforts of selected Latin American nations (Mexico, Cuba, Chile, Nicaragua, Guatemala) to address the tremendous social and economic cleavages affecting them, with special attention paid to material, political, class, and cultural structures shaping their experiences. Ms. Offutt.

Not offered in 2006/07.

271a. Perspectives on the African Past: Africa Before 1800 (1)

(Same as Africana Studies 271) A thematic survey of African civilizations and societies to 1800. The course examines how demographic and technological changes, warfare, religion, trade, and external relations shaped the evolution of the Nile Valley civilizations, the East African city-states, the empires of the western Sudan, and the forest kingdoms of West Africa. Some attention is devoted to the consequences of the Atlantic slave trade, which developed from Europe's contact with Africa from the fifteenth century onwards. Mr. Rashid.

272b. Modern African History (1)

(Same as Africana Studies 272) A study of the major political, economic, social, and intellectual developments in the unfolding of the African experience from the early nineteenth century to the present time. Attention is directed to the broad spectrum of contacts of Africa with the outside world in trade, diplomacy, etc., prior to the advent of full-scale European imperialism and colonialism in the late nineteenth century. The course focuses on the rise of the Pan-African movement, African nationalism, the decolonization process, the emergence of independent African states, and the dilemmas of postcolonialism: neocolonialism, development issues, and post-independence politics. Mr. Rashid.

274a. Colonial America, 1500-1750 (1)

The world colonial Americans—European, African, and Indian—fashioned for themselves and bequeathed to us: their migrations, their religions, their social values and social structures, their political culture, and their rebellions. Mr. Merrell.

275b. Revolutionary America, 1750-1830 (1)

The causes, course, and consequences of the American Revolution. Themes include how thirteen disparate colonies came to challenge, and defeat, Great Britain; the social effects of the War for Independence; the creation of republican governments; the search for stability at home and security abroad; the development of national

identity; and the experience of those Americans excluded from the phrase “All Men are Created Equal.” Mr. Merrell.

276a. House Divided: The U.S., 1830-1890 (1)

Beginning with regional economies and social changes in the antebellum years, this course examines the causes and conduct of the Civil War and the aftermath of that conflict in the Gilded Age. Special emphasis is given to slavery and post-Emancipation race relations, conquest of the American West, and the rise of an American industrial order. Ms. Edwards.

277a. The Making of the “American Century”: 1890-1945 (1)

Focuses on major social, political, and cultural developments during the decades when the United States emerged as the preeminent industrial power. The changes in the social and political institutions which emerged out of the crises of the 1890s, the Great Depression, and World War II. The growth of mass consumption and mass leisure in this very diverse society. Ms. Cohen.

[278a. Cold War America: The United States Since 1945] (1)

An examination of the political, social, economic, and cultural changes in the United States since 1945. Major topics include: McCarthyism; suburbanization; the Civil Rights Movements; the Kennedy Years; the war in Viet Nam; the anti-war protest; and the growing nuclear threat. Mr. Brigham.

Not offered in 2006/07.

279b. The Viet Nam War (1)

An examination of the origins, course, and impact of America’s involvement in Viet Nam, emphasizing the evolution of American diplomacy, the formulation of military strategy, the domestic impact of the war, and the perspective of Vietnamese revolutionaries. Mr. Brigham.

290. Field Work (½ or 1)

Individual or group field projects, especially in local, state, or federal history. May be taken either semester or in summer. The department.

Prerequisite or corequisite: an appropriate course in the department. Permission required.

298. Independent Work (½ or 1)

Permission required.

III. Advanced

Prerequisite for advanced courses is ordinarily 2 units of 200-level work in history, or by permission of the instructor. Specific prerequisites assume the general prerequisite.

300a.-301b. Senior Thesis (½, ½)

A 1-unit thesis, with ½ unit graded provisionally in the fall, and ½ unit graded in the spring. The final grade awarded in the spring, shall replace the provisional grade in the fall. The department.

315b. The World of the Crusades (1)

The Crusades, conceived by Latin Christians as a military enterprise to conquer the Holy Land from its Muslim rulers, created a complex relationship between East and West. It brought Latins, Greeks, Muslims, and Jews together in unprecedented ways, allowing for fruitful exchange and long periods of coexistence between periods of violence. This course examines holy war in the Near East, Spain, and the Ottoman Empire, but it also dwells on related issues including trade and travel, cultural attitudes and relations, religious interactions and conflicts between faiths, and literary and artistic developments. Ms. Bisaha.

Prerequisite: History 215 or 116 or by permission of instructor.

[325b. Renaissance Italy] (1)

The Italian Renaissance occupies an almost mythical status as a time of great intellectual and artistic achievement and the rise of nationalism and modernity after the “dark” Middle Ages. In recent decades, scholars have rightly challenged such sweeping assumptions, pointing to the heavy presence of religion and magic in the Renaissance as well as intolerance and repression. They have also given a voice to long-silent groups such as the poor, the uneducated, women, and minorities. This course examines the above complexities and tensions in definitions of the Renaissance. Another theme of the course is the ways in which the Renaissance differed throughout Italy: specifically papal Rome, the republics of Florence and Venice, and the princely courts. Finally, we consider how Italians viewed the world outside their peninsula. Ms. Bisaha.

Prerequisite: History 225 or by permission of instructor.

Not offered in 2006/07.

332b. The Enlightenment (1)

The Enlightenment was an intellectual movement of great power and scope. Seeking to overhaul society completely, a diverse group of thinkers examined all aspects of human existence, from religion, politics, and science to crime, sex, and art. However, the Enlightenment was much more than merely a philosophical exercise. These thinkers did not just articulate new ideas; they redefined “the intellectual” as an active participant in society. To what extent were their ideas truly revolutionary? To what extent were they successful in effecting change? What legacy did they leave for the architects of the French Revolution and, more generally, the modern era? Ms. Choudhury.

337a. The Rise and Fall of Nazi Germany (1)

This course explores the Third Reich by locating it within the peculiar nature of German political culture resulting from late unification and rapid industrialization. Readings explore how and why the Nazis emerged as a mass party during the troubled Weimar years. The years between 1933 and 1945 are treated by focusing on Nazi domestic, foreign, and racial policies. Ms. Höhn.

Prerequisite: History 236 or 237; or by permission of instructor.

[342b. Stalinist Civilization] (1)

This seminar explores a turbulent and violent period in Russian history and a system that provoked both admiration and revulsion throughout the world. Readings investigate the Stalinist society and state by focusing on the impact of terror, dislocation, and compressed economic transformations on specific national groups (including Russians, Ukrainians, Kazakhs, and Chechens) and on the organization of social structures, property relations, political practice, and language. Topics include *Stalin's* ideology and vision of the Soviet people, collectivization and industrialization, the experiences of the “enemies of the people,” resistance and dissent, terror and famine in the borderlands, and achievements and legacies. The course concludes with an examination of post-Soviet public memory and discussion of the Stalinist past. Ms. Pohl.

Not offered in 2006/07.

[343b. Youth in Russia, 1880-Present] (1)

This seminar explores the history of youth culture in Russia. We examine how youth and teenagers were “discovered” and defined as an age group through ethnographies, sociological accounts, and memoirs, and explore the youth experience as depicted in films and documentaries. Topics include experiences of youth during periods of reform, youth legislation, youth institutions, youth and Stalinism, and the experience of girls. The course concludes with an exploration of contemporary Russian teen culture, focusing on music and its role in the 1980s and 1990s. Ms. Pohl.

Not offered in 2006/07.

351a. Problems in U.S. Foreign Policy (1)

Using historical case studies, this seminar examines some of the major foreign affairs dilemmas U.S. policy makers have faced since 1945. Major topics include: containment; modernization; nation building; limited war; détente; the use of soft power;

humanitarian intervention; debt relief, and the war on terror. Mr. Brigham
Prerequisite: History 251 or 279; or by permission of instructor.

355a. Childhood and Children in Nineteenth-Century Britain (1)

This course examines both the social constructions of childhood and the experiences of children in Britain during the nineteenth century, a period of immense industrial and social change. We analyze the various understandings of childhood at the beginning of the century (including utilitarian, Romantic, and evangelical approaches to childhood) and explore how, by the end of the century, all social classes shared similar expectations of what it meant to be a child. Main topics include the relationships between children and parents, child labor, sexuality, education, health and welfare, abuse, delinquency, and children as imperial subjects. Ms. Murdoch.

[357a. The First World War] (1)

For many, the First World War marks the beginning of the modern age. After examining the debate about the conflict's causes, this seminar takes the social and cultural history of the war as its subject. Topics include the methods of mechanized trench warfare, the soldiers' experience, the effects of total war on the home front, and the memory of the Great War in film and literature. The primary focus is on European combatants, but we also explore the role of colonial troops and the impact of the war on European empires. Ms. Murdoch.

Not offered in 2006/07.

[359a. The Kennedy Years] (1)

This seminar explores U.S. domestic and foreign policy during John F. Kennedy's years in the White House. It also examines major social and cultural attitudes that helped shape one of America's most turbulent decades. Topics include the Cold War, the space program, civil rights, government spending, formation of the Peace Corps, education reform, the Test Ban Treaty, and the creation of "Camelot." Mr. Brigham.

Not offered in 2006/07.

[361b. Varieties of the Latin American Indian Experience] (1)

This course treats the Indian world of Latin America as it responded to increased European penetration in the post-1500 period. Focusing primarily on Mesoamerica and the Andean region, it examines the variety of ways indigenous peoples dealt with cultural dislocation associated with the imposition of colonial systems and the introduction of the modern state. The course treats as well the Indian policies of the state, and how those policies reflected assumptions about the role of indigenous peoples in the larger society. Throughout, emphasis is placed on the process of negotiation of identity—what it meant to be Indian in an increasingly European society, and how the interpenetration of the two worlds, and the response of one to the other, reshaped each world. Ms. Offutt.

Prerequisite: 200-level Latin American history.

Not offered in 2006/07.

[362b. The Cuban Revolutions] (1)

Questions of sovereignty and issues of inequality have roiled the surface of the Cuban Republic since its founding in 1902; during the past century there were two major upheavals, the revolutions of 1933 and 1959. This course examines the context out of which those revolutions emerged and the manner in which post-revolutionary governments addressed (or failed to address) the concerns that prompted Cubans to choose the "revolutionary option." We pay particular attention to the relationship between Cuba and the United States, the legacies of slavery and racism, and the shaping of Cuban society after 1959. Ms. Offutt.

Prerequisite: History 264.

Not offered in 2006/07.

[363b. Revolution and Conflict in Twentieth-Century Latin America] (1)

(Same as Latin American and Latino/a Studies 363) Revolution has been a dominant theme in the history of Latin America since 1910. This course examines the revo-

lutionary experiences of three nations—Mexico, Cuba, and Nicaragua. It examines theories of revolution, then assesses the revolutions themselves—the conditions out of which each revolution developed, the conflicting ideologies at play, the nature of the struggles, and the postrevolutionary societies that emerged from the struggles. Ms. Offutt.

Prerequisite: History 264 or by permission of instructor.

Not offered in 2006/07.

[366b. The Indians' New World] (1)

Moving past Pocahontas and John Smith, Squanto and the Pilgrims, this course explores the native response to the invasion of North America, focusing on peoples living east of the Mississippi River prior to 1800. Topics include sources and methods for understanding the Indian experience, the cultural consequences of contact, the men and women trapped between two worlds, the diplomatic and military contest for the continent, and the beginning of the end of "Indian Country." Mr. Merrell.

Not offered in 2006/07.

[367b. Peoples and Environments in the American West] (1)

(Same as Environmental Studies 367) This course explores the history of the trans-Mississippi West in the nineteenth century and its legacies in modern America. Themes include cultural conflict and accommodation; federal power and Western politics; and humans' negotiations with their environments. The course considers the history of the frontier as a process; the Western U.S. as a geographic place; and the legendary West and its functions in American mythology. Ms. Edwards.

Not offered in 2006/07.

368b. American Portrait: The United States c.1830 (1)

The election of Andrew Jackson and the "age of the common man"; the deaths of the last Founding Fathers and the beginning of the first railroad; Cherokee Indian Removal and Nat Turner's slave rebellion; Alexis de Tocqueville's famous visit and the first magazine edited by a woman; radical abolition and the invention of Davy Crockett—the confluence of these and other events around 1830 makes that historical moment an important American watershed. This course examines the currents and cross-currents of that era. Ranging widely across the country and visiting some of its many inhabitants, we explore the paradoxes of this pivotal era, trying to make sense of how people then, and historians since, tried to understand its character. Mr. Merrell.

369b. Themes in Twentieth Century Urban History: Social Reform and the Evolution of the Welfare State (1)

Examines the growth of labor reform, school reform, and social insurance, beginning with the Progressive Era through the New Deal, the war years after, to the Great Society and the present. Explores how the development of the welfare state affected Americans of different social, racial, ethnic backgrounds, and gender. Focuses on how these various groups acted to shape the evolution of the welfare state as well. Ms. Cohen.

Prerequisite: History 261 or 277 or 278; or by permission of instructor.

[373b. Slavery and Abolition in Africa] (1)

(Same as Africana Studies 373) The Trans-Saharan and the Atlantic slave trade transformed African communities, social structures, and cultures. The seminar explores the development, abolition, and impact of slavery in Africa from the earliest times to the twentieth century. The major conceptual and historiographical themes include indigenous servitude, female enslavement, family strategies, slave resistance, abolition, and culture. The seminar uses specific case studies as well as a comparative framework to understand slavery in Africa. Mr. Rashid.

Prerequisite: standard department prerequisite or by permission of instructor.

Not offered in 2006/07.

- 374b. The African Diaspora and the Making of the Pan-African Movement, 1900-2000** (1)
 (Same as Africana Studies 374) This seminar investigates the social origins, philosophical and cultural ideas, and political forms of Pan-Africanism from the late nineteenth century to the end of the twentieth century. It explores how disaffection and resistance against slavery, racism, and colonial domination in the Americas, the Caribbean, Europe, and Africa led to the development of a global movement for the emancipation of peoples of African descent from 1900 onwards. The seminar examines the different ideological, cultural, and organizational manifestations of Pan-Africanism as well as the scholarly debates on the development of the movement. Readings include the ideas and works of Edward Blyden, Alexander Crummell, W.E.B. Du Bois, Marcus Garvey, Amy Garvey, C.L.R. James, and Kwame Nkrumah. Mr. Rashid.
- [377a. Modern European Intellectual History]** (1)
 This course examines the relationship between the history of ideas and social, economic, and political changes from the Enlightenment until World War I. During this era, intellectuals debated issues such as the nature of rationality, individuality, and social responsibility. This course focuses on major intellectual movements in the modern era including romanticism, Marxism, and imperialism. We read the works of thinkers such as Marx, Nietzsche, Freud, and Virginia Woolf. Ms. Choudhury.
 Not offered in 2006/07.
- 381a. Love and Death in Tokugawa Japan, 1603-1868** (1)
 We reconstruct life in early modern Japan by engaging primary sources in translation, including memoirs, autobiographies, thanatologies, satire, novels, plays, and treatises. Various social groups—the samurai (the warrior elite), commoners, intellectuals, and women—are examined. We look at Japan's past as "lived experience" by focusing on everyday social practices and personal lives. This seminar does not presuppose familiarity with Japanese history but requires a keen and active historical mind. Mr. Shimoda.
- 384a. Islam, Social Movements, and the West, 1800-2003** (1)
 The rise of militant Islamic politics has led many to suggest that Islam is irreconcilable with modernity. This class explores modern Middle Eastern Islamic history with the aim of investigating this charge. First, we survey Middle Eastern Islamic history and its relations with the Christian west. We then examine texts by Muslim reformers and chroniclers (as well as western intellectuals and colonialists), which reflect both the emergence of Islamic modernist thinking in the nineteenth century and the expressions of British and French imperial power that informed them. Finally, we explore twentieth and twenty-first-century political formations and social movements that have taken Islam as their inspiration. Mr. Schreier.
 Prerequisite: History 174 or 214 or 255; or by permission of instructor.
- 386b. The Russian Orient: Central Asia and the Caucasus** (1)
 (Same as International Studies 386) This seminar explores the Muslim regions of the Russian Empire and the Soviet Union during several important transitions: becoming part of the Russian Empire, under Soviet rule, and after independence in 1991. Topics include culture and spiritual life, politics and social transformation, and the challenges facing the transition societies of Central Asia and the Caucasus. The course readings include history and political science, travellers' accounts, ethnomusicology, and NGO resources, and focus on three distinct regions—the oases of Central Asia, the mountains of the Caucasus, and the Eurasian steppe. Ms. Pohl.
- 389b. Identities and Historical Consciousness in Latin America** (1)
 (Same as Latin American and Latino/a Studies 389) Mr. Tavárez.
- 399a or b. Senior Independent Work** (½ or 1)
 Permission required.

The Independent Program

The Independent Program Committee consists of five faculty members: the director and a representative of each of the four curricular divisions of the college.

The Independent Program is available to students who wish to elect an interdisciplinary field of concentration that is not provided by one of the regular departments, interdepartmental concentrations, or multidisciplinary programs of the college.

Requirements for Concentration: A minimum of 12 units, with the following distribution: no more than 2 units at the 100-level and at least 4 units at the 300-level (which must include a senior thesis or project, work from at least two departments, and a minimum of 2 units taken for a letter grade). Of the 12 units, none may be elected NRO and a maximum of 3 units may be ungraded. Units in excess of the minimum 12 may be taken at any level and may be ungraded or NRO work. Appropriate courses taken away from Vassar, either in an approved study abroad program or at another college or university in the U.S., may be included in the major. The choice of program and courses should be made in consultation with the Independent Program Committee as a part of the proposal procedure.

Senior-Year Requirements: A senior thesis or project (Independent 300-301 or 302) for 1 unit. This thesis may be taken for a letter grade or as ungraded work, and may be elected for the first semester, the second semester, or the entire year.

Procedures for Admission to the Independent Program: After identifying the proposed field of concentration and, when possible, consulting appropriate faculty, the student meets with the director of the Independent Program to discuss general guidelines. The student then submits a written program proposal which defines the major, lists all proposed courses (both for the major and outside the major) and fully describes and justifies the courses for the major. This initial proposal should also include the names of potential advisers for the major. The Independent Program Committee then evaluates the contents of the proposal and the relevance of the proposed courses; the committee may also propose alternate advisers. In consultation with the approved advisers, the student revises the proposal for resubmission to the committee. Only upon final approval by the committee is the student admitted to the Independent Program.

As is evident from the above description of the procedures, the process of declaring an independent major generally involves several consultations and revisions. Consequently, students should expect to begin the process in advance of the normal deadlines for declaration of the major. Students may apply for admission to the Independent Program after their first semester at Vassar. Students who plan to include courses taken abroad at an approved Study Away or exchange program should submit their initial proposal no later than the Friday following October break of their sophomore year. Students who plan to include courses taken at another U.S. institution should submit their initial proposals no later than the Friday of the first week of the spring semester of their sophomore year. All other students should submit their initial proposal by March 1 of their sophomore year.

298a or b. Independent Work (½ or 1)

300a-301b. Thesis (½, ½)
A thesis written in two semesters for one unit. May be taken for a letter grade or as ungraded work.

302a or b. Thesis (1)
A thesis written in one semester for one unit. May be taken for a letter grade or as ungraded work.

399a or b. Senior Independent Work (½ or 1)

Interdepartmental Courses

150a-151b. EMT Training

(½)

This course provides training as required for state certification as an emergency medical technician. The course is taught by state-certified instructors. Students must attend all sessions to qualify for a certificate. The course meets weekly through both semesters, with one or two Saturday sessions each semester. Observation times in the emergency department and with an ambulance are required. Upon completion of the Vassar EMT course, it is expected that the students will serve on the Vassar EMT squad.

International Studies

Director: David Kennett; **Steering Committee:** Mark Andrews (French), Pinar Batur (Sociology), Christopher Bjork (Education), Robert Brigham (History), Andrew Davison (Political Science), Michael Hanagan (History and International Studies), Katherine Hite (Political Science), Maria Höhn (History), Martha Kaplan (Anthropology), Christopher Kilby (Economics), Alexis Klimoff (Russian Studies), Alexis Klimoff (Russian Studies), Timothy Koechlin (Economics), Margaret Leeming (Religion), Timothy Longman (Political Science and Africana Studies), Himadeep Muppidi (Political Science), Leslie Offutt (History), Elizabeth Paravisini-Gebert (Hispanic Studies), Miki Pohl (History), Stephen Rock (Political Science), Jeffrey Schneider (German Studies), Joshua Schreir (History), Silke von der Emde (German Studies), Yu Zhou (Geography); **Panel of Advisers:** Program Faculty.

The multidisciplinary program in International Studies is designed to provide a solid and systematic grounding in the study of global interdependence while allowing students to develop strengths in at least two traditional departmental disciplines. A student's course of study for the major is designed in close consultation with the director and the Panel of Advisers. The objectives are to build a core of knowledge in the international social sciences and develop fluency in at least one language, while ensuring a multidisciplinary perspective by encouraging students to approach international issues from the viewpoints that interest them most. Consequently, approved programs of study may include upper-level work in the sciences, humanities, literature and arts as well as the social sciences and languages. In general, the advising process should be initiated early in the sophomore year, especially if a student is interested in study abroad in the first semester of the junior year. Additional information on the registration process is available from the program office. Entry to the program is limited.

Requirements for the concentration:

1) 15 units, including International Studies 106, in a program of study that has been approved by the Panel of Advisers of the International Studies Program. These units must comprise a coherent and integrated program of study, and the rationale for the program must be given in a formal proposal. Credit to the program will not normally be given for courses at the 100-level except for International Studies 106, Political Science 160, and Geography 105, or if the course is accepted as filling one of the program recommendations given below.

2) Competency in one foreign language through the third-year college level as demonstrated by completion of the relevant courses or special examination. The language studied should be directly relevant to the geographical area of emphasis.

3) 4 units of work at the 300-level: International Studies 305, a senior seminar of 1 unit; a senior thesis of 1 unit (normally International Studies 301-302); and at least 1 unit from each of two departments. The senior seminar and the thesis constitute the Senior-Year Requirement.

4) 1 unit of intermediate work directly relevant to international issues in each of three departments. One of these departments must be economics and the other two courses may be drawn from political science, history, and geography.

5) At least one unit of work dealing with issues of nationality, race, ethnicity, class, and/or gender in American society.

Recommendations for the concentration:

1) At least one course concerning the history, politics, economics, geography, anthropology or sociology of Latin America, Asia, or Africa.

2) Familiarity with research methods appropriate to the student's concentration in the International Studies major. The following courses may satisfy this recommendation: Anthropology 245 (The Ethnographer's Craft); Economics 209 (Probability and Statistics); Political Science 207 (Political Analysis); Psychology 209 (Research Methods in Social Psychology); or Sociology 254 (Research Methods).

3) Systematic inquiry into the area of ethics. This recommendation may be satisfied by any of the following courses: Philosophy 106 (Philosophy and Contemporary Issues), Philosophy 234 (Ethics), or another approved course.

4) A structured foreign area experience. This is especially recommended for stu-

dents who have not lived or worked abroad. It may be satisfied by approved programs for Study Away, exchange living or study/travel.

I. Introductory

106b. Perspectives in International Studies (1)

An introduction to the varied perspectives from which an interdependent world can be approached. Themes which the course may address are nationalism and the formation of national identity, state violence and war, immigration, religion, modernization, imperialism, colonialism and postcolonialism, indigenous groups, cultural relativism, and human rights. These themes are explored by examining the experiences of different geographic areas. This multidisciplinary course uses texts from the social sciences and the humanities.

The particular themes and geographic areas selected, and the disciplinary approaches employed, vary with the faculty teaching the course.

This course is required for all International Studies majors. Sophomores and freshmen should take this course if they are interested in pursuing an International Studies major. Mr. Hanagan, Mr. Schreiber.

110a-110b. International Studies Study Trip (1)

Normally the study trip takes place in the spring semester break. Enrollment for the trip is made early in the first semester. The course, which is taught in conjunction with the study trip, provides a systematic multidisciplinary introduction to the social, cultural, religious, historical, geographic, political, and economic aspects of the place of travel. The precise disciplinary foci of the trip varies depending on the faculty leading the trip and teaching the course. Language instruction is required when appropriate. Ms. Paravisini.

Destination 2006/07: Lesser Antilles.

II. Intermediate

233a. The Political Economy of Globalization (1)

(Same as Economics 233) We examine the consequences of economic globalization from a variety of theoretical perspectives. Topics include: competing theories of globalization's effects; an assessment of the extent of globalization; the effects of economic integration in economic growth and the distribution of income; and the ways in which globalization might alter the balance of power between and among workers, communities, governments and corporations. The course also considers a number of "applied" topics including the North American Free Trade Agreement, the International Monetary Fund, and debates over "sweatshop labor". Mr. Koechlin.

Prerequisites: Economics 100 or 101.

251a. Global Feminism. (1)

(Same as Women's Studies 251) This course explores issues pertinent to women's experiences in different Third World cultural and national contexts, focusing on feminist political analyses and activism pertaining to a range of issues affecting women. The course, examines how political fundamentalism, nationalism, and postcoloniality affect different women's identities and choices, and how feminists negotiate these forces in their struggles for women's empowerment. In addition to theoretical readings on Third World feminism, we address issues ranging from cultural practices, to issues of sexuality and reproductive rights, and issues pertaining to development and women's place in the contemporary global economy. Learning about a wide range of Third World feminist engagements enables us to have a richer understanding of feminism as encompassing national, international and transnational political agendas, and to think critically about the similarities and differences in the predicaments and political struggles of women in different parts of the World. Ms. Narayan.

Two 75-minute periods.

266b. Population, Environment and Sustainable Development. (1)

(Same as Geography 266) This course examines major issues, myths, theoretical de-

bates, and real-life controversies regarding population change and the environment from a political-ecology perspective. Political ecology studies the changing physical environment through the lens of political-economic institutions and social discourse. The first part of this course visits the theoretical debates on population and environment through demographic analysis and critical evaluation of healthcare and family planning policies. The latter half offers lessons on issues related to food scarcity and security, environmental and social movements in many developing regions such as China, India, Sub-Saharan Africa, and Latin America. Ms. Zhou.

Two 75 minute sessions.

276a. Spaces in Global Capitalism (1)

(Same as Geography 276a). The spatial patterns and dynamics of the world economy are examined in diverse industrial and regional settings. The focus is on the spatial distribution of economics activities, the use of resources, and development of regional economics. Topics may include the global shift of manufacturing activities, the spatial organization of post-Fordist production, the spread and impact of agribusiness, globalization of services, foreign direct investment and multi-national corporations, and the interdependency between developed and developing economics. Ms. Zhou.

Two 75-minute periods.

287a. Islam and Modernity (1)

The relation between Islam and modernity constitutes one of the major concerns of the contemporary world. How does Islam relate to notions of human agency, individual freedom, political democracy, human rights, equality, and the separation of church and state? This course starts by exploring the major themes and philosophical underpinnings of the Qur'an and the Hadith. It then examines the encounter of different Muslim groups with the forces of modernity since the nineteenth century. Emphasis is placed on the early experiences of different regions of the Muslim world—the Ottoman homeland, the Indian subcontinent, and the Middle East—with European modernity. The class concludes with a case study on Islam and modernity today through an exploration of the Islamic revolution in Iran. Mr. Vahdat.

288b. Cinema and Social Change in Iran (1)

Using cinema and scholarly writings as texts, this course examines how society and culture in Iran have changed in recent decades. The period between early 1960s and the Islamic Revolution of 1979, when Iran experienced authoritarian development under the Shah, witnessed very significant transformations in culture and society which are depicted in some of the films of the period. The first decade following the establishment of the Islamic Republic in 1979 saw an attempt to revolutionize, Islamize, and militarize culture and society at large and the Iranian cinema engaged these issues. In the past fifteen years, Iranian society has lived through a phase of social and political change that is very much cultural in nature again reflected in film. In this course we examine how to view and write critically about film as well as reading texts on the Iranian cinema and its cultural and social contexts and impacts. We view a number of most influential and representative films of each period and discuss their significance for the major themes of the course. Mr. Vahdat.

290a or b. Field Work (½ or 1)

298a or b. Independent Work (½ or 1)

III. Advanced

300a or b. Senior Thesis (1)

A 1-unit thesis written in the fall or spring semester. Students may elect to write their theses in one semester only in exceptional circumstances. Usually students will adopt International Studies 301-302.

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- 301a-302b. Senior Thesis** (1)
A 1-unit thesis written in two semesters.
- 305a. Senior Seminar** (1)
An examination of selected global topics in a multidisciplinary framework. Topics vary from year to year. Ms. Geist.
- 363a. Nations, Globalization, and Post-Coloniality** (1)
(Same as Anthropology 363) How do conditions of globalization and dilemmas of post-coloniality challenge the nation-state? Do they also reinforce and reinvent it? This course engages three related topics and literatures; recent anthropology of the nation-state; the anthropology of colonial and post-colonial societies; and the anthropology of global institutions and global flows. Ms. Kaplan.
Prerequisite: Previous coursework in Anthropology or by permission of instructor.
- 386b. The Russian Orient: Central Asia and the Caucasus** (1)
(Same as History 386) This seminar explores the Muslim regions of the Russian Empire and the Soviet Union during several important transitions: becoming part of the Russian Empire, under Soviet rule, and after independence in 1991. Topics include culture and spiritual life, politics and social transformation, and the challenges facing the transition societies of Central Asia and the Caucasus. The course readings include history and political science, travelers' accounts, ethnomusicology, and NGO resources. It focuses on three distinct regions—the oases of Central Asia, the mountains of the Caucasus, and the Eurasian steppe. Ms. Pohl.
- 399a or b. Senior Independent Work** (½ or 1)
The program faculty.

Italian

Professor: John Ahern^a; **Associate Professors:** Rodica Diaconescu-Blumenfeld (Chair), Eugenio Giusti; **Assistant Professor:** Roberta Antognini; **Visiting Assistant Professors:** Simona Bondavalli, Maria A. Nicoletti.

Courses are conducted in Italian, except for Italian 175, 237, 238, 242, 250, 255. Medieval and Renaissance Studies 220, or a course in Linguistics, such as Anthropology 150, may be counted in the required 10 units.

Requirements for Concentration: 10 units including Italian 220 or equivalent, 301.

Senior-Year Requirements: Italian 301 and 2 units of 300-level courses. Students who wish to be considered for departmental honors must also complete a Senior Project (Italian 300).

Recommendations: Summer study at the Vassar program in Siena. The department strongly recommends that students interested in the Junior Year in Italy begin the study of Italian in their freshman year. Majors in their junior year are encouraged to participate in Italy in the Eastern Colleges Consortium in Bologna (ECCO).

Advisers: The department.

Correlate Sequence in Italian: Students majoring in other programs may elect a correlate sequence in Italian.

Requirements: 6 units chosen from the following: Italian 205, 206, 220, 260, 265, 270, 280, 301, 330, 331, 337, 338. At least one course must be taken at the 300-level. All courses must be taken for the letter grade. Courses taken in Italy or during the summer may be substituted with department approval.

I. Introductory

105a-106b. Elementary Italian (1)
Introduction to the essential structures of the language with emphasis on oral skills and reading. Reading and performance of a play by a contemporary author in the second semester. Supplementary material from *Andiamo in Italia*, a web-based trip to Italy. The department.

Open to all classes; four 50-minute periods; one hour of drill and one hour of aural-oral practice.

107b. Intensive Elementary Italian (2)
A single-semester equivalent of Italian 105-106. Mr. Ahern.

Open to all classes; four 75-minute periods; one hour of drill and one hour of aural-oral practice or videolab.

175a. The Italian Renaissance in English Translation (1)
A survey of the masterworks: Petrarch's *Canzoniere* and *Letters*, Boccaccio's *Decameron*, poems and letters by women humanists, Machiavelli's *Prince* and *La Mandragola*, Castiglione's *Book of the Courtier*, Gaspara Stampa's and Veronica Franco's poems, and Tullia d'Aragona's *Dialogue*. Mr. Giusti.

May not be counted towards the Italian major. Satisfies college requirement for a Freshman Course.

II. Intermediate

205a. Intermediate Italian I (1)
Narration in popular culture, literature, and film. Analysis of folktales, short stories, and Gabriele Salvatores' film *Marrakech Express*. Strong emphasis on effective oral expression. Formal study of grammar. Successful completion of this course provides a suitable background for other 200-level courses. The department.

Two 75-minute periods and one hour of conversation.

^aAbsent on leave, first semester.

206b. Intermediate Italian II

(1)

Italy today: the image in the Italian media. Analysis and discussion of strategies of representation in newspapers (*La Repubblica*, *Corriere della Sera*), magazines (*Espresso*), television and radio, advertisements, cinema, and the Internet. Formal study of grammar. Strong emphasis on effective oral expression. Ms. Nicoletti.

Two 75-minute periods and one hour of conversation.

Prerequisite: Italian 205 or permission of instructor.

220b. Italian Civilization: Interpreting the Texts

(1)

From the origin of the Italian language to the masterpieces of the Renaissance. Selected texts from the "Dolce stil nuovo" and Dante's *Vita nuova*; Petrarch's *Canzoniere* and Italian Humanism; Boccaccio's *Decameron* and the "novella" tradition; Ariosto, and the Italian epic; Machiavelli, Castiglione, Bembo on politics and ideology; Michelangelo, Stampa, Franco on gender in literature. Mr. Giusti.

Prerequisite: Italian 270 or 280 or special permission.

222b. Contemporary Italian Culture

(1)

Topic for 2006/07: *Italian Cinema and Society*. In this course we analyze Italian films made in the last two decades and discuss social, political and cultural issues that they raise: the transformation of the traditional Italian family, the crisis of Communism, the Southern Question, the impact of TV culture, gender issues, historical revisionism. The viewing and discussion of each film is accompanied by critical readings. Movies by Moretti, Capuano, Garrone, Muccino, Ozpetek and others. The course is taught in Italian. Films in Italian with English subtitles. Ms. Bondavalli.

Prerequisites: Italian 270 or 280 or special permission

237b, 238a. Dante's *Divine Comedy* in Translation

(1)

A close reading of the entire *Comedy* in its historical, philosophical, theological, and literary contexts. Conducted in English. Mr. Ahern.

Open to all classes. Italian majors see Italian 337-338.

[242. Boccaccio's *Decameron* in Translation: The "Novella" as Microcosm]

(1)

A close reading of the one hundred tales with emphasis on social, cultural, and gender issues of the later Middle Ages. Reference is made to classical sources (Ovid, Petronius, Apuleius), the French Fabliaux, and Courtly Literature. The course also analyzes contemporary rewritings of the text in different genres and media. Conducted in English. Mr. Giusti.

Open to all classes. Italian majors see Italian 342.

Two 75-minute meetings.

Not offered in 2006/07.

250b. Italian Cinema in English

(1)

Cultural, ideological, and aesthetic issues in the history of Italian cinema from Neorealism to contemporary auteurs. Ms. Blumenfeld.

Open to sophomores, juniors, and seniors.

May not be counted towards the Italian major.

One 2-hour meeting and one film screening.

[255a. Four Italian Filmmakers (in English)]

(1)

Close association and visual styles of Federico Fellini, Michelangelo Antonioni, Bernardo Bertolucci, and Lina Wertmüller. Ms Blumenfeld.

No prerequisites. Open to sophomores, juniors, and seniors.

May not be counted towards the Italian major

Two 75-minute meetings and two film screenings.

Not offered in 2006/07.

[260a. Italian Cinema]

(1)

Prerequisite: Italian 205 or the equivalent.

Three 75-minute meetings and one film screening.

Not offered in 2006/07.

[265a. Four Italian Filmmakers] (1)

Three 75-minute meetings and two film screenings.

Prerequisite: Italian 205 or the equivalent.

Not offered in 2006/07.

270a. Advanced Composition and Oral Expression (1)

Development of oral and written skills through extensive conversation and essay writing. The course makes use of a variety of "texts" available in traditional formats (books, magazines, journals, films), as well as web-based materials. The topics covered are in the area of contemporary issues, with emphasis on cultural and socio-political phenomena. Ms. Blumenfeld.

Two 75-minute meetings.

Prerequisite: Italian 206 or special permission.

280a. Giorgio Bassani's *Garden of the Finzi-Contini* (1)

Giorgio Bassani (1916-2000), novelist, poet, essayist wrote this classic of modern Italian literature in 1962. Through the story of the Finzi-Continis, a wealthy Jewish family from Ferrara, Bassani recounts an important part of Italian history: Mussolini's Fascist regime with its race laws, persecutions, and deportations. However, this is not simply an historical novel, it is also an autobiographical one, a book of memory, and a love story. The novel's sophisticated structure, its clear and fiercely crafted language, at once high and idiomatic, its evocation of Ferrara, make this work a wonderful medium for the study of Italian literature, history, language, and culture. Particular attention is devoted to the development of oral and written skills. Ms. Antognini.

Prerequisite: Italian 206 or special permission.

290. Field Work (½ or 1)**297.01. Reading Course. Topics in 17th Century (½)**

The department.

297.02. Reading Course. Topics in 18th Century (½)

The department.

297.03. Reading Course. Topics in 19th Century (½)

The department.

298. Independent Work (½ or 1)**III. Advanced**

Prerequisite for all advanced courses: 2 units at the 200-level: 270 or 280, and 220 or 222; or by special permission.

300a. Senior Project (1)

The department.

301b. Senior Seminar (1)

An examination of selected topics in recent Italian culture or of a single topic across several centuries. May be taken more than once for credit when topic changes. Required of all senior majors.

Topic for 2006/07: *L'Italia dei giovani: youth culture and the culture of youth in twentieth century Italy*. The course is an exploration of the relationship between youth and history in twentieth century Italy from two perspectives: how young people have interpreted some of the major events and cultural movements of the century, and how youth was represented in literature in relation to the changing social and political conditions: from the call to arms to peace movements, from the myth of revolutionary youth to youth-oriented consumer culture, from body politics to virtual communication. Readings include fiction, poetry, and essays by such authors as: Marinetti, Pavese, Pasolini,

Morante, Pivano, Sanguineti, Eco, Santacroce, among others. The course is taught in Italian. Ms. Bondavalli.

Prerequisite: Italian 220 or 222 or 280 or the equivalent.

330. The Italian Renaissance: The Italian Epic Tradition (1)
from 1300 to 1600

A study of the epic tradition from Medieval romances of chivalry and the “cantari” to the great epic poems of the Renaissance. Texts studied include: Pulci’s *Morgante*, Boiardo’s *Orlando innamorato*, Ariosto’s *Orlando furioso*, Torquato Tasso’s *Gerusalemme liberata*, Tassoni’s *Secchia rapita*, and Marino’s *Adone*. We also examine the canons of the heroic poem in sixteenth-century. Ms. Antognini.

Prerequisites: Italian 220 or 222 or 280 or the equivalent.

[331. The Italian Renaissance: Poetry, Theater, Politics, and Ideology] (1)

A study of ethnic, religious, and sexual otherness as represented in classical Renaissance texts. Selected readings of Michelangelo, Gaspara Stampa, Veronica Franco (poetry); Ariosto, Machiavelli, Aretino (theatre); Colombo, Vespucci, Castiglione, and Della Casa (politics and ideology). Mr. Giusti.

Prerequisites: Italian 220 or 222 or 280 or the equivalent.

Not offered in 2006/07.

337b., 338a. Dante’s *Divine Comedy* (1)

A close reading of the entire *Comedy* in its historical, philosophical, theological, and literary contexts. Designed for Italian majors in their senior year. Students in this course attend the same lectures as in Italian 237, 238, but do the reading in the original, attend a separate discussion class, and take separate exams. Mr. Ahern.

Prerequisite: Italian 220 or 222 or 280 or the equivalent.

[342. Giovanni Boccaccio’s *Decameron*: The “Novella” as a Microcosm] (1)

Students in this course attend the same lectures as in Italian 242, but do the readings in the original, attend a separate discussion class, and take separate exams. Mr. Giusti

Prerequisite: Italian 220 or 222 or 280 or the equivalent.

Not offered in 2006/07.

[381a. Gender Effects: Women in Italian Cinema] (1)

Through analysis of various filmic portrayals of the female body, narratives of female subjectivity, articulations of female desire, and experiments with female and feminist agency, we raise questions about female characters in Italian cinema, and the gendering significance of formal cinematic features. We study such films as Pasolini’s *Mamma Roma*, Fellini’s *City of Women*, Wertmüller’s *Love and Anarchy*, and the more recent *Un’anima divisa in due* by Soldini and *Beseiged* by Bertolucci. Readings of pertinent works from feminist film theory in English and Italian. Ms. Blumenfeld.

Prerequisite: Italian 220 or 222 or 280 or the equivalent.

Not offered in 2006/07.

[384a. Opera in Italian Culture] (1)

An examination of the role played by opera in Italian culture from the mid-Eighteenth century through the early Twentieth century. Operas by Metastasio, Mozart, Rossini, Donizetti, Bellini, Verdi, and Puccini are studied in their libretti and video versions. Students attend a live performance in New York. Topics studied include: Opera buffa and seria. Romanticism, the Risorgimento, Verismo and Decadentismo with particular attention given to the roles played by women. Mr. Ahern.

Prerequisite: Italian 220 or 222 or 280 or equivalent.

Not offered in 2006/07.

388b. Petrarch’s Letters: Inventing Autobiography (1)

Together with Dante and Boccaccio, Petrarch is considered one of the three “crowns” of Italian literature. His influence on European poetry has been immense. He is also considered the father of Humanism, the intellectual movement that preceded Re-

naissance. Together with the poems, his most remarkable works are his collections of Latin epistles, where he recounts the story of his life in a sequence of letters, a highly original undertaking. Texts read include the *Familiars*, his main collection of letters, and selections from other works: the *Canzoniere*, the *Seniles*, the *Posteritati*, the *Epystole*, the *Secretum*. Latin texts are read in Italian translation. Ms. Antognini.

Prerequisite: Italian 220 or 222 or 280 or equivalent.

399. Senior Independent Work

(½ or 1)

Eastern Colleges Consortium Program in Bologna

Vassar College, Wellesley College, and Wesleyan University offer a study abroad program at the University of Bologna in Italy. The program is committed to high academic standards and to providing opportunities for students to develop their knowledge of the Italian language and culture in one of the most venerable and prestigious academic environments in Europe. Undergraduates wishing to study humanities and social sciences may enroll for the fall or spring semesters or for the full academic year. Students may take courses in Italian studies offered by the program as well as regular courses at the University of Bologna. The number of courses that students may complete at the University of Bologna varies depending on the length of their stay and their knowledge of the language. The program accepts no more than 35 students each semester from consortium institutions and from other colleges and universities.

243. Italian Language and Culture

(½)

A three-week intensive review of grammar and an introduction to contemporary Italy, offered in Lecce in August. Required of students with only one year of college-level Italian. Optional for all others.

244. Advanced Practice of Italian

(½)

A three-week language course offered in Bologna, prior to the beginning of the regular semester program, emphasizing writing and critical reading. Required of all program participants, but not of year-long students in their second semester.

246. History of Italian Middle Ages and Renaissance

(1)

This course focuses on the history of Medieval Bologna using the extraordinary opportunities offered by the local resources, to analyze events and social realities in the dramatic and checkered history of this part of Europe.

240. Italian Cultural History since the Unification

(1)

Analysis of Italian society from the 1860s to the present. The focus is on the transition from a rural, patriarchal society to a modern, urban, and industrialized one.

285. Art and Architecture in the Middle Ages and Renaissance

(1)

A study of artistic expression as influenced by cultural, religious and political changes, from the 14th to the 15th centuries.

249. Modern Italian Narrative

(1)

The study of contemporary Italian literature in relation to cinema. The focus is on short stories about cinema and self-reflexive cinema.

245. Theater in Performance

(1)

Representation in theater acquires meaning through the process of mise-en-scène. This course offers students the opportunity to engage actively with various texts of Italian theater, paying special attention to language. Time will be divided between theory and practice, study and action.

251. Writing Workshop

(½)

This course assists students in program and University of Bologna courses in sharpening their writing skills. Optional for year-long students in their second semester.

252. Women in Italian Life

(1)

An interdisciplinary study of gender relations in Italy from various theoretical and disciplinary perspectives. The course intends to explore the Renaissance origins of gender literature, by examining the life, the works, and the ideas of some illustrious Italian women writers.

254. Modern Italian History

(1)

An examination of the key role played by war in the twentieth century: World War I and II, civil wars, liberation wars, the cold war and the more recent ethnic wars. Issues examined include war as a mass phenomenon, and the relation between wars, memory, and collective identity.

253. Modern Italian Art and Architecture

(1)

The aim of the course is to trace the history of the Italian artistic production from 1850 to 2000. Because contemporary art is global, Italian art is considered in its relationship to European and non-European expressions.

256. Modern and Contemporary Italian Poetry

(1)

The most significant voices of the Italian poetry in the first half of the twentieth century. The transition from traditional metrical forms to free verse is studied through readings from Pascoli, D'Annunzio, Ungaretti, Montale and Saba.

248. Government and Politics in Modern Italy

(1)

History of the Italian political system in the European context from 1948 to the present. The course includes an analysis of the political systems and different forms of government of various European democracies.

Japanese

For curricular offerings, see Chinese and Japanese, page 131.

Jewish Studies

Director: Marc Michael Epstein (Religion and Jewish Studies); **Steering Committee:** Peter Antelyes (English), Susan H. Brisman (English), Andrew Bush (Hispanic Studies), Marc Michael Epstein (Religion), Natalie J. Friedman (English), Rachel Friedman (Classics), Judith L. Goldstein (Anthropology), Lynn Lidonnici (Religion), Jannay Morrow (Psychology), Elliott Schreiber (German), Joshua S. Schreiber (History), Tova Weitzman (Religion), Debra Zeifman (Psychology).

Jewish Studies is a multidisciplinary approach to the diversity of the history and culture of Jews in Western and non-Western societies. This approach involves studying the creation and reproduction of Jewish culture in multi-ethnic societies in the ancient, medieval, modern, and contemporary world as well as such theoretical concerns as Diaspora, Zionism and the construction of Jewish identity.

Requirements for Concentration: 12 units, including: 1) Jewish Studies 201 and 301; 2) 2 units of college-level Hebrew or Yiddish or its equivalent; 3) two additional courses at the 300-level drawn from either Jewish Studies offerings or the list of Approved Courses; 4) six remaining units drawn from Jewish Studies offerings and Approved Courses.

Students are encouraged to explore complementary courses in a variety of disciplines. After consulting with the director, students choosing a concentration are encouraged to explore language, literature, texts, religious traditions, history, society, and culture.

Jewish Studies strongly recommends that students pursue a Junior Year Abroad experience whenever possible. Many different options exist, and students are encouraged to begin discussions about this with the Program director and their professors as soon as declaration of concentration is made. No more than 3 units per semester from study away can be counted toward the concentration.

After declaring a concentration, no required courses may be elected NRO.

No more than 4 units of Hebrew, Yiddish or other study in Jewish languages may be applied toward the concentration. Hebrew 305 may be counted as one of the three 300-level courses required of majors.

Senior-Year Requirements: Jewish Studies 301, if not taken earlier. The Senior Thesis or Project (Jewish Studies 300) is optional, but must be elected by students to be considered for Honors in the Program. If elected, the thesis is taken in addition to the three 300 level courses required. The thesis or project should reflect the multidisciplinary orientation of the Program. It will be graded Distinction, Satisfactory, or Unsatisfactory.

Requirements for Correlate Sequence: 6 units, including Jewish Studies 201, two 300-level courses, and three other courses, only one of which can be a field work credit (Jewish Studies 290). Students electing the correlate sequence are encouraged but not required to take 301, as well as two units of college-level Hebrew or Yiddish or the equivalent. Hebrew 305 may be counted as one of the 300-level courses required for the correlate sequence. After consulting with the director, students should choose a correlate sequence program that complements concentration requirements. No more than 2 units from study abroad can be counted toward the correlate sequence.

Course Offerings

I. Introductory

101a. Jewish Identities/Jewish Politics: An Introduction to Jewish Studies (1) Multidisciplinary introduction to a variety of theoretical and methodological bases for the study of the diversity of Jewish culture. Particular emphasis is placed on the role of geography, gender, religious status, race and class in the construction of Jewish identity in interaction with surrounding communities, through the study of primary sources in historical context, religious culture, social life, as well as art and literature produced by and about Jews. Mr. Epstein.

110b. Jewish Metropolis: Berlin, Prague and Budapest (1)
 Berlin, Prague, and Budapest have been magnets for Jewish life and creativity since the Middle Ages. We explore the Jewish heritage of these great urban centers through the eyes of guest lecturers who utilize tools, techniques, and resources from fields as diverse as literature, geography, history, architecture, sociology, and ethnography. The course includes a required study trip to all three cities during Spring Break. Mr. Epstein.

150a and b. Western Religious Traditions (1)
 (Same as Religion 150) An historical comparative study of Judaism, Christianity, and Islam. The course focuses on such themes as origins, development, sacred literature, ritual, legal, mystical, and philosophical traditions, and interactions between the three religions. Ms. Lidonnici, instructor to be announced.

181a. (Freshman Course) (1)
 Title and instructor to be announced.

[184a. New Voices, Old Stories, New Immigrant Jewish Writers] (1)
 American History is, in some ways, the story of immigrants, and one of the first immigrant groups to publish their stories were Jews, particularly those from Eastern Europe. American Jewish writers established the immigrant literary scene that today has become multifaceted and multicultural. In this class, we read the newest, most popular young writers to emerge from the recent Eastern European Jewish diaspora, and compare them to their classic forerunners. We examine the themes of assimilation, religious awakening, and responses to the Holocaust by members of the Second and Third Generation. New texts include Gary Shteyngart's *The Russian Debutante's Handbook*, Jonathan Safran Foer's *Everything is Illuminated*, and Lara Vapnyar's *There Are Jews in My House*; older voices include those of Abraham Cahan, Henry Roth, and Anzia Yezierska. Ms. Friedman.

Open to Freshmen only.
 Not offered in 2006/07.

II. Intermediate

201b: Jewish Textuality: Sources and Subversions (1)
 Jewish tradition consists of a series of developments from the biblical stratum of text and practice through rabbinic interpretations and medieval, modern and postmodern revisions, reforms and even rejections of those interpretations. This course examines themes in Jewish life and thought from their biblical roots to their postmodern reinventions or reclamations.

Topic for 2006/07: *Beginnings: Genesis in the Jewish Tradition*. The first book of the Bible has proved endlessly fascinating to scholars and legists, poet and artists. How have the tales of the origins of the world and all that is within developed in the Jewish tradition, and what countertraditions have emerged from the interpretations? Mr. Epstein.

Jewish Studies 101 or by permission.

[220a. Texts and Traditions] (1)
 (Same as Religion 220)
 Not offered in 2006/07.

221b. Voices from Modern Israel (1)
 (Same as Hebrew 221 and Religion 221) An examination of modern and postmodern Hebrew literature in English translation. The course focuses on Israeli voices of men, women, Jews, Arabs, Ashkenazim and Sephardim to investigate such topics as memory, identity, alienation, the "other," community, exile. Authors may include Ravikovitch, Zeldi, Zach, Amichai, Darwish El-Kassin, Yehoshua, Oz, Grossman, Shammas, Liebrecht and Almog. Ms. Weitzman.

[225b. The Hebrew Bible] (1)
 (Same as Religion 225) The Hebrew Scriptures exist both in and out of time—in time as the literature of a particular people; out of time as a repository of metaphors through which much in western culture is still expressed. This course pursues both of these dimensions through a study of the religious and literary tradition of ancient Israel and the legacy of these traditions in our own modes of thought. Ms. Lidonnici.

Not offered in 2006/07.

[245. Jewish Traditions] (1)
 (Same as Religion 245)

Not offered in 2006/07.

[275a. Advanced Topics in German Cultural Studies] (1)
 (Same as German 275) This course offers an extended analysis of one issue of the major issues in German Cultural Studies. Topics may include memory and the Holocaust, Nazi culture, issues of transparency in political culture, or lesbian and gay culture.

Not offered in 2006/07.

280a. Psychological Perspectives on the Holocaust (1)
 (Same as Psychology 280) The Holocaust has spawned several now classic programs of psychological research. This course considers topics such as: anti-Semitism and stereotypes of Jews; the authoritarian and altruistic personalities; conformity, obedience, and dissent; humanistic and altruistic differences in stress, coping and resiliency. The broader implications of Holocaust-inspired research are explored in terms of traditional debates within psychology such as those on the role of the individual versus the situation in producing behavior and the essence of human nature. The ethical and logical constraints involved in translating human experiences and historical events into measurable/quantifiable scientific terms are also considered. Ms. Zeifman.

Prerequisites: Psychology 105 or 106 and at least one of the following: Psychology 201, 221, 223, 231, 241, 243, 251, or 253.

282a. Psychological Perspectives on the Holocaust (1)
 (Same as Psychology 282) Ms. Zeifman.

283b. The Jewish Gothic (1)
 (Same as Anthropology 283) The Jewish Gothic considers the treatment of the supernatural in Jewish folklore, as well as the representation of Jews as demonic in non-Jewish sources. The course begins with nineteenth and early twentieth century folktale collections, placing the Jewish anthologies in the context of the period's fascination with folklore. It then follows the themes of the supernatural and the use of "folk" material into the present by looking at the contemporary use of golems, ghosts and demons in art, and in ethnographic studies of possession. Ms. Goldstein.

290. Field Work (½ or 1)

298. Independent Work (½ or 1)

III. Advanced

Prerequisite for all 300-level courses unless otherwise specified: 1 unit at the 200-level or permission of instructor.

300. Senior Thesis or Project (1)
 Optional for students concentrating in the program. Must be elected for student to be considered for Honors in the program.

Permission required.

301b. Special Topics in Jewish Studies (1)
 Advanced study in selected aspects of Jewish Studies, emphasizing the multidisciplinary nature of the field. The seminar gives students the opportunity to develop their own

scholarly work built around the common core of the topic for that year.

Topic for 2006/07: *Jewish Communities in the Middle East*. This seminar explores the lived worlds of Jewish communities in the Middle East from the nineteenth century to the present. To this end, the course combines many sources and genres including: oral and written histories, novels, memoirs, ethnographies, material and visual culture. The course focuses on issues of self representation and on the cultural reproduction of community in different places and times and under varying conditions (which include contact with foreign travelers and educators, and the rise of nationalism). Ms. Goldstein.

315a. Jews, Jewish Identity, and the Arts (1)

This course examines the relationship of Jews with the arts from ancient times through the postmodern period.

Topic for 2006/07: *American Jewish Literature*. An introduction to the American Jewish literary imagination from historical, topical, and theoretical perspectives. Texts may include works by Anzia Yezierska, Celia Dropkin, Henry Roth, Charles Reznikoff, Isaac Beshevis Singer, Bernard Malamud, Philip Roth, Grace Paley, Melanie Kaye-Kantrowitz, Adrienne Rich, and Art Spiegelman. Also included are films and music, and theoretical works by such critics as Walter Benjamin and Daniel Boyarin. Topics may include: the development of immigrant modernism, the influence of Jewish interpretive traditions on contemporary literary theory, the (anti-) conventions of Jewish feminist and lesbian literature, the possibilities and limitations of a diaspora poetics, and contemporary representations of the Holocaust. Mr. Antelyes.

[340b. Classical Jewish Culture] (1)

Not offered in 2006/07.

346b. Studies in Jewish Thought and History (1)

(Same as Religion 346) Advanced study in selected aspects of Jewish thought and history.

Topic for 2006/07: *The Great Flood*. Ideas about a world-encompassing flood occur in the religious literature of several societies, as cautionary tales about human sin, as accounts of the origin of evil, and sometimes as a metaphor for perfect lives that can never be again. In this course we study the sources of the biblical account of the flood and its transformations through early Jewish and Christian interpretation, along with the myths of Atlantis and other world flood traditions. We focus both upon the ancient texts and on their role in contemporary debate about the teaching of modern scientific archeology, biology and geology, creation science, and intelligent design. Ms. Lidonnici.

350b. Confronting Modernity: Jewish Narrative (1)

This course examines a variety of modes and contexts in which Jews have narrated their experiences of modernity, including fiction, autobiography, historiography, ethnography and film. The geographical focus is Central and Eastern Europe, primarily in the early twentieth century, where one encounters both Yiddish works and Ashkenazi cultural productions in other European languages, but consideration of the Sephardic diaspora and other texts of modern Jewish thought helps to inform a multidisciplinary approach to the material. Among the authors under study we read Sholom Aleichem, Isaac Babel, Emil Durkheim, Sigmund Freud, Emma Goldman, Edmund James, Franz Kafka, Rosa Luxembourg and Bruno Schulz. Mr. Bush.

399a or b. Advanced Independent Work (½ or 1)

Approved Courses

American Culture 275b	Ethnicity and Race in America	(1)
Classics 103a	Crosscurrents: History and Culture of the Ancient Mediterranean	(1)
English 326b	Studies in Ethnic American Literature	(1)

Hebrew 105-106	Elementary Hebrew	(1)
Hebrew 205a	Continuing Hebrew	(1)
Hebrew 206b	Continuing Hebrew	(1)
Hebrew 298	Independent Work in Hebrew	(1)
Hebrew 305a	Advanced Hebrew	(1)
History 214a (2 sections)	The Roots of the Palestine-Israel Conflict	(1)
History 231b	France and its "Others"	(1)
History 237b	Germany, 1918-1990	(1)
History 337a	The Rise and Fall of Nazi Germany	(1)
History 369b	Social Reform and the Evolution of the Welfare State	(1)
Religion 266a	Religion in America	(1)

Hebrew Language and Literature

I. Introductory

105a-106b. Elementary Hebrew (1)

Introduction to the language. Basic phonics and grammatical structures. Stress on development of reading comprehension, simple composition, and conversational skills. For Hebrew 105, no background in the language is assumed; admission to Hebrew 106 is possible with the demonstration of previous work equivalent to Hebrew 105. Ms. Weitzman.

Open to all students.

221b. Voices from Modern Israel (1)

(Same as Jewish Studies 221 and Religion 221)

Prerequisite: One 100-level course in Jewish Studies or permission of instructor.

II. Intermediate

205a, 206b. Continuing Hebrew (1)

Formal study of Hebrew language with emphasis on oral practice and writing skills. Ms. Weitzman.

Prerequisite: Hebrew 105-106, or equivalent of two years in high school.

298. Independent Work (½ or 1)

III. Advanced Hebrew

305a. Advanced Readings in Hebrew: Genres and Themes (1)

Expansion of language proficiency through intensified study of culture and literary texts and examination of different Israeli media. Readings are arranged according to thematic topics and course may be repeated for credit if topic changes. Ms. Weitzman.

398a. Independent Work (½, 1)

Note:

A self-instructional introductory course in Yiddish language exists. See Self-Instructional Language Program (SILP).

Latin

For curricular offerings, see Classics, page 139.

Latin American and Latino/a Studies

Acting Director: Lizabeth Paravisini-Gebert (Hispanic Studies); **Participating Faculty:** Michael Aronna (Hispanic Studies), Light Carruyo (Sociology), Colleen Cohen (Anthropology), Brian Godfrey (Geography), Mihai Grünfeld (Hispanic Studies), Katherine Hite (Political Science), Lucy Lewis Johnson (Anthropology), Timothy H. Koechlin (Economics), Miranda Martinez (Sociology), Joseph Nevins (Geography), Leslie Offutt (History), Lizabeth Paravisini-Gebert (Hispanic Studies), David Tavaréz (Anthropology), Eva Maria Woods (Hispanic Studies).

The Latin American and Latino/a Studies Program provides a multidisciplinary approach to the study of Latin America and the Latino/a populations of the Americas. The program allows students to explore the multiplicity of cultures and societies of Latin and Latino/a America in ways that acknowledge the permeability, or absence, of borders.

Requirements for concentration: 12 units, including Latin American and Latino/a Studies (LALS) 105, work above the introductory level in at least three departments, and a competency in Spanish or Portuguese through the third-year level (at least one course beyond Hispanic Studies 216, or Portuguese 310-3 11, or the equivalent). Maximum of 4 units of language instruction may count toward the concentration, not including intermediate- and advanced-level literature courses. Hispanic Studies 216 is considered the “methods” course for the major and thus is a requirement. Students are required to take at least 1 course that focuses on the period prior to 1900, chosen from among the following: Anthropology 240, Hispanic Studies 227, History 262, History 263. In the senior year each student must write a multidisciplinary thesis under the co-direction of two thesis advisers, one of whom must be drawn from the participating program faculty. In fulfillment of the major each student should elect 12 units from the following list, according to these guidelines: no more than 2 units at the 100-level; and at least 3 units at the 300-level, including a 1-unit graded senior thesis, the Latin American and Latino/a Studies Program senior seminar, and a seminar by an instructor other than the one responsible for the senior seminar. After the declaration of the major no courses counting for the major may be elected NRO. Students interested in Latin American and Latino/a Studies should consult with the director or a participating faculty member as early as possible to discuss their program of study. The Latin American and Latino/a Studies Program strongly recommends a structured academic experience beyond Vassar relevant to the student’s program during the junior year, either in Latin America or at an appropriate domestic institution.

Requirements for the Correlate Sequence: 6 units, including Latin American and Latino/a Studies 105, (1) either History 262, 263, or 264; (2) a minimum of four other courses in at least three different departments. At least two courses at the 300-level, including the Latin American and Latino/a Studies senior seminar and a seminar taught by an instructor other than the one responsible for the senior seminar, are required; these must be taken at Vassar. A maximum of 2 units of ungraded work done in a structured academic experience beyond Vassar may be counted toward the major. One year of college-level study or the equivalent in either Spanish or Portuguese must be demonstrated. Students should prepare a proposal for the correlate sequence in Latin American and Latino/a Studies after consulting the courses listed in the catalogue and discussing the sequence with an adviser in the program, as there may be other appropriate courses that are not currently listed. All proposals should include some discussion of the focus of the coursework, and must be approved by the program. One course may be “double counted” for a major and a correlate sequence.

For descriptions and timing of the courses in the listing below, please consult the department listings in this catalogue and an updated Schedule of Classes. Additional courses may be approved for the major upon petition to program faculty.

Course Offerings:

105b. Introduction to Latin American and Latino/a Studies (1)
An introduction to the basic concepts, theories, and methodologies necessary for the multidisciplinary study of Latin American and Latino communities. The focus of the course varies from year to year according to the topic selected by the instructor.

Topic for 2006/07: *Latin/o(a) America: Towards a Critical Hemispheric Approach*.
An introduction to the multidisciplinary conceptual tools necessary to understand Latin/o(a) America as a dynamic geographic and imagined space where collective identities are crafted, diverse world views and practices compete for visibility and power, and struggles for transformation are waged in dialogue with global structural forces. Ms. Carruyo.

230a. Latina and Latino Literature in the U.S. (1)
(Same as English 230a)

233a. Latino Identity Formation (1)
(Same as 233 Sociology and Urban Studies 233) Ms. Martinez

240b. Mesoamerican Worlds (1)
(Same as Anthropology 240) Mr. Tavárez.

242b. Brazil: Society, Culture, and Environment in Portuguese America (1)
(Same as Geography 242, and Africana Studies 242) Mr. Godfrey.

[248. The US-Mexico Border; Region, Place, and Process] (1)
(Same as Geography 248)
Not offered in 2006/07.

251b. Development and Social Change (1)
(Same as Sociology 251) Ms. Carruyo.

[253. Latina/os in the Americas] (1)
(Same as Sociology 253)
Not offered in 2006/07.

282b. The U.S.-Mexico Border: Nation, God, and Human Rights in Arizona-Sonora (1)
(Same as Geography 282b, American Culture 282b). Mr. Nevins, Mr. Speers.

290a or b. Field Work ($\frac{1}{2}$ or 1)
By special permission.

Reading Courses

297.01. Testimonial Narrative ($\frac{1}{2}$)

297.02. Indigenous Mexico ($\frac{1}{2}$)

297.03. Chronicles of the Conquest ($\frac{1}{2}$)

297.04. Latino Writings ($\frac{1}{2}$)

297.05. Socio-Political Thought in Latin America ($\frac{1}{2}$)

297.06. Latin American Cinema ($\frac{1}{2}$)

297.07. The Politics of Regional Integration ($\frac{1}{2}$)

297.08. Syncretic Religions of the Caribbean and Latin American ($\frac{1}{2}$)

297.09. The Legacy of the Plantation in Caribbean and Latin American Literature ($\frac{1}{2}$)

297.10. Cultures of the Amazon ($\frac{1}{2}$)

297.11. Native Peoples of the Andes ($\frac{1}{2}$)

298a or b. Independent Research ($\frac{1}{2}$ or 1)
By special permission.

- 300-301. **Senior Thesis** (½)
- [308b. **National, Race, Gender in Latin America and the Caribbean**] (1)
(Same as Sociology 308)
Not offered in 2006/07.
- [340. **Advanced Urban and Regional Studies**] (1)
(Same as Geography 340 and Urban Studies 340)
Topic: *Preserving Whose Cities? Heritage Sites, Historic Districts, and Public Space.*
Not offered in 2006/07.
- 370b. **From Mega-Cities to Eco Cities? Environmental History, Planning, and Sustainability** (1)
(Same as Geography 370, Urban Studies 370) Mr. Godfrey.
- 389b. **Senior Seminar** (1)
Required of all senior majors. Sponsoring department, instructor, and agenda vary from year to year, but display a multidisciplinary character through selection of materials and possible use of guest seminar leaders from other participating departments.
Topic for 2006/07: *Identities and Historical Consciousness in Latin America.* This seminar explores in a highly strategic fashion the emergence and constant renovation of historical narratives that have supported various beliefs and claims about local, regional, national and transnational identities in Latin America since the rise of the Mexican and Inca empires until the present. Through the analytical tools provided by anthropological and historical approaches, we examine indigenous forms of historical consciousness and the emergence of new identity discourses after the Spanish conquest, their permutations before and after the emergence of independent nation-states, and some crucial shifts in national, regional and ethnic identity claims that have preceded and followed some revolutions and social movements between the late nineteenth century and the present. Students complete an original research product related to the course topic, and the use of original Spanish or Portuguese sources is encouraged. Mr. Tavárez.
- 399a or b. **Senior Independent Research** (½ or 1)
By special permission.
- Approved Courses**
- | | | |
|-----------------------|--|-----|
| Africana Studies 105a | Issues in Africana Studies
Topic for 2006/07: <i>The African Diaspora and the Caribbean</i> | (1) |
| Africana Studies 211a | Religions of the Oppressed and Third World Liberation Movements | (1) |
| Africana Studies 230b | Creo Religion of the Caribbean | (1) |
| Africana Studies 256b | Environment and Culture in the Caribbean | (1) |
| [Anthropology 245 | The Ethnographer's Craft
Not offered in 2006/07. | (1) |
| Economics 248a | International Trade and the World Financial System | (1) |
| Economics 268b | Economic Development in Less Developed Countries | (1) |
| [Geography 240 | Latin America: Regional Development, Environment, and Urbanization]
Not offered in 2006/07. | (1) |
| [Geography 242 | Brazil: Urbanization and Environment in Portuguese America]
Not offered in 2006/07. | (1) |

[Geography 248a	The U.S.-Mexico Border: Region, Place, and Process]	(1)
Geography 282b	The U.S.-Mexico Border: Nation, God, and Human Rights in Arizona-Sonora	(1)
Hispanic-Studies 105-106	Elementary Spanish Language	(1)
Hispanic-Studies 205	Intermediate Spanish	(1)
Hispanic Studies 206	Reading and Writing about Hispanic Culture	(1)
Hispanic Studies 216	Methods in Interdisciplinary Analysis	(1)
Hispanic Studies 227	Colonial Latin America	(1)
Hispanic Studies 229	Postcolonial Latin America	(1)
Hispanic Studies 387a	Latin American Seminar	(1)
Hispanic Studies 387b	Latin American Seminar	(1)
[History 162a	Latin America: The Aftermath of Encounter]	(1)
	Not offered in 2006/07.	
History 251b	A History of American Foreign Relations	(1)
[History 262a	Early Latin America to 1750]	(1)
	Not offered in 2006/07.	
[History 263b	From Colony to Nation: Latin America in the Nineteenth Century]	(1)
	Not offered in 2006/07.	
[History 264b	The Revolutionary Option? Latin America in the Twentieth Century]	(1)
	Not offered in 2006/07.	
[History 361b	Varieties of the Latin American Indian Experience	(1)
[History 362b	The Cuban Revolution]	(1)
	Not offered in 2006/07.	
[History 363b	Revolution and Conflict in Twentieth- Century Latin America]	(1)
	Not offered in 2006/07.	
Music 236a	Music and Literary Traditions of Five Caribbean Islands	(1)
Political Science 252a	Politics of Modern Social Movements	(1)
[Political Science 258a	Latin American Politics]	(1)
	Not offered in 2006/07.	
Political Science 355a	Seminar on Violence	(1)
Portuguese a and b	First, Second and Third Year of Spoken Language (Self-Instructional Language Program)	(1)
Religion 211a	Religions of the Oppressed and Third-World Liberation Movements	(1)
Sociology 233a	Latino Identity Formation in the U.S.	(1)

Mathematics

Professors: John Feroe (Assistant to the President), John McCleary^a, Peter C. Pappas, Charles I. Steinhorn; **Associate Professor:** Benjamin A. Lotto (Chair); **Assistant Professors:** Natalie Priebe Frank^b; **Adjunct Instructor:** Doris Haas*.

Requirements for Concentration: Mathematics 121/122 (or 125 or permission of the department to enroll in 221), 9½ units above the 100-level including Mathematics 221/222, 301, 321, 361, and two other units at the 300-level. *It is strongly recommended that Mathematics 361 be completed by the end of the junior year.* Reading courses are not counted among the required units. Work used to satisfy major requirements may not be taken NRO after declaration of the major. At most one unit at the 300-level taken NRO prior to declaration of the major may be used to satisfy major requirements.

Senior Year Requirements: Mathematics 301.

Recommendations: Majors are strongly urged to elect at least 2 units in applications of mathematics to other fields. A reading knowledge of French, German, or Russian is advised for those contemplating graduate study.

Sequence of Courses for Concentration: Incoming students will normally elect Mathematics 121/122, 221/222, but freshman eligible for Advanced Placement should confer with the department. Election of advanced courses should be made in consultation with a departmental adviser.

Prospective majors in mathematics are strongly advised to complete Mathematics 121/122 or Mathematics 125 by the end of the freshman year and Mathematics 221/222 by the end of the sophomore year. In any case, the first sequence must be completed by the end of the sophomore year in order to declare the major and Mathematics 221/222 must be completed by the end of the junior year.

Advisers: The department.

Correlate Sequence in Mathematics: Students majoring in other programs may complement their study by electing a correlate sequence in mathematics. Course selection should be made in consultation with the department and the major adviser to ensure exposure to the mathematics most useful to the field of concentration.

Requirements for the Correlate Sequence: Mathematics 121/122 (or 125, or permission of the department to enroll in 221), 4 graded units above the 100-level including Mathematics 221 / 222 and one unit at the 300-level.

Advanced Placement: Students receiving 1 unit of Advanced Placement credit based on either the AB or BC Mathematics Advanced Placement Examination or the calculus credit examination administered by the Department of Mathematics may not be granted credit for Mathematics 101 or 121.

The department recommends that students who have earned a 4 or 5 on the BC examination enroll in Mathematics 221. Students with a 5 on the AB examination or a 3 on the BC examination generally are advised to elect Mathematics 221 also, after conferring with the department. Students with a 4 on the AB examination ordinarily are advised to enroll in Mathematics 125, but should consult with the department.

I. Introductory

100a-101b. Pre-Calculus and Introduction to Calculus (½, 1)

This sequence is designed for students who wish to take Mathematics 101, Introduction to Calculus, but whose mathematical background is deficient. Students with three years of high school mathematics should begin with Mathematics 101. Topics of Mathematics 100 include the algebra of polynomials, operations with fractions, solving equations and inequalities, exponents and radicals, elements of coordinate geometry, functions and their graphs, logarithms and elements of trigonometry. Ms. Haas.

On the satisfactory completion of Mathematics 101, the student receives ½ unit of credit for Mathematics 100.

Not open to students with AP credit in mathematics or students who have completed Mathematics 101 or 121.

Prerequisite: high school mathematics. Advice of the department should be sought before registering for this course.

^a Absent on leave, first semester.

^b Absent on leave, second semester.

* Part time.

101b/102a.**101b. Introduction to Calculus****(1)**

A course intended for students not majoring in mathematics or the physical sciences who need a working knowledge of calculus. The course emphasizes techniques and applications with relatively little attention to the rigorous foundations. The department.

Not open to those who have had Mathematics 121 or its equivalent.

Does not serve as a prerequisite for Mathematics 122, 125, or 200-level mathematics courses.

Prerequisite: at least three years of high school mathematics.

Three 50-minute periods.

102a. Topics in Calculus**(1)**

A continuation of Mathematics 101. Topics may include: matrix methods, use of differentiation and integration, differential equations, and partial differentiation. Emphasis is on techniques and applications. The department.

Not open to those who have had Mathematics 122.

Does not serve as a prerequisite for 200-level mathematics courses.

Prerequisite: Mathematics 101 or equivalent.

121a/122b. Single Variable Calculus**(1)**

The calculus of one variable and applications are discussed. Topics include: limits, continuity, derivatives, applications of derivatives, transcendental functions, the definite integral, applications of definite integrals, approximation methods, differential equations, sequences, and series. The department.

Not open to those who have had Mathematics 101.

Prerequisite: a minimum of three years of high school mathematics, preferably including trigonometry.

Three 50-minute periods.

125a. Topics in Single Variable Calculus**(1)**

Material from Mathematics 121/122 presented in one semester for students with previous experience with calculus. Topics in second-semester calculus are fully developed and topics in first-semester calculus are reviewed. The department.

Three 50-minute periods.

131a. Numbers, Shape, Chance, and Change**(1)**

What is the stuff of mathematics? What do mathematicians do? Fundamental concepts from arithmetic, geometry, probability, and the calculus are explored, emphasizing the relations among these diverse areas, their internal logic, their beauty, and how they come together to form a unified discipline. As a counterpoint, we also discuss the “unreasonable effectiveness” of mathematics in describing a stunning range of phenomena from the natural and social worlds. The department.

Prerequisites: at least three years of high school mathematics.

Two 50-minute lectures and one 50-minute discussion per week.

141b. Introduction to Statistics**(1)**

The purpose of this course is to develop an appreciation and understanding of the exploration and interpretation of data. Topics include display and summary of data, regression, experimental design, probability, and hypothesis testing. Applications and examples are drawn from a wide variety of disciplines.

Prerequisite: three years of high school mathematics.

II. Intermediate

Prerequisite for all intermediate courses: Mathematics 122, 125, or permission of the department, unless otherwise indicated.

221a and b. Linear Algebra (1)

The theory of higher dimensional space. Topics include: geometric properties of n -space, matrices and linear equations, vector spaces, linear mappings, determinants. The department.

222a and b. Multivariable Calculus (1)

Continuation of Mathematics 221. Differential calculus of vector functions, implicit function theorem, extreme values, multiple integrals, vector field theory. The department.

Prerequisite: Mathematics 221 or the equivalent, or permission of the instructor.

228a or b. Methods of Applied Mathematics (1)

Survey of techniques used in the physical sciences. Topics include: ordinary and partial differential equations, series representation of functions, integral transforms, Fourier series and integrals. The department.

231a or b. Topics in Geometry (1)

Topics to be chosen from: conic sections, transformational geometry, Euclidean geometry, affine geometry, projective geometry, inversive geometry, non-Euclidean geometry, spherical geometry, convexity, fractal geometry, solid geometry, foundations of geometry. The department.

241a. Probability Models (1)

A presentation of commonly applied discrete and continuous probability distributions, including the use of expectation, independence, conditional probability, and related statistical concepts. The department.

261a. Introduction to Number Theory (1)

Topics include: divisibility, congruence, modular arithmetic, diophantine equations, number-theoretic functions, distribution of the prime numbers. The department.

263b. Discrete Mathematics (1)

Mathematical induction, elements of set theory and logic, permutations and combinations, relations, topics in graph theory, generating functions, recurrence relations, Boolean algebras. The department.

290. Field Work (½ or 1)**Reading Courses**

Prerequisite: Mathematics 221 or equivalent, and permission of instructor.

297. Topics in Mathematics (½)**298. Independent Work (½ or 1)**

Election should be made in consultation with a department adviser.

III. Advanced

Prerequisite for all advanced courses: Mathematics 222, unless otherwise indicated.

301b. Senior Seminar (½)

Areas of study and units of credit vary from year to year. The department.

Open only to seniors who have a declared major in mathematics. It is strongly recommended that Mathematics 361 be completed before enrolling in Mathematics 301.

321a. Real Analysis (1)

A rigorous treatment of topics in the classical theory of functions of a real variable from the point of view of metric space topology including limits, continuity, sequences and series of functions, and the Riemann-Stieltjes integral. The department.

324a or b. Complex Analysis (1)

Integration and differentiation in the complex plane. Topics include: holomorphic (differentiable) functions, power series as holomorphic functions, Taylor and Laurent series, singularities and residues, complex integration and, in particular, Cauchy's Theorem and its consequences. The department.

[327b. Advanced Topics in Real Analysis] (1)

Continuation of Mathematics 321. Measure theory, the Lebesgue integral, Banach spaces of measurable functions. The department.

Prerequisite: Mathematics 321.

Alternate years: not offered in 2006/07.

328b. Theory of Differential Equations and Dynamical Systems (1)

Existence and uniqueness theorems for ordinary differential equations; general theory and eigenvalue methods for first order linear systems. The department.

Prerequisite: Mathematics 321 or permission of instructor.

Alternate years: offered in 2006/07.

[335a or b. Differential Geometry] (1)

The geometry of curves and surfaces in 3-dimensional space and an introduction to manifolds. The department.

Prerequisite: Mathematics 321.

Alternate years: not offered in 2006/07.

[336a or b. Algebraic Geometry] (1)

An introduction to the study of algebraic geometry. Topics may include: projective space, homogeneous coordinates, plane curves, Bezout's theorem, elliptic curves, affine and projective varieties, the Zariski topology, coordinate rings, functions on varieties. The department.

Prerequisite: Mathematics 361.

Alternate years: not offered in 2006/07.

339a or b. Topology (1)

Introductory point-set and algebraic topology; topological spaces, metric spaces, continuous mappings, connectedness, compactness and separation properties; the fundamental group; simplicial homology. The department.

Prerequisite: Mathematics 321 or 361.

Alternate years: offered in 2006/07.

[341b. Mathematical Statistics] (1)

The rigorous development of topics in mathematical statistics: probability and distributions; multivariate distributions; special distributions; distributions of functions of several variables; limiting distributions; introduction to statistical inference. Additional topics drawn from sufficient statistics, estimation theory, statistical testing, and inferences about normal models. The department

Prerequisite: Mathematics 222 and 241.

Alternate years: not offered in 2006/07.

351a. Mathematical Logic (1)

An introduction to mathematical logic. Topics are drawn from computability theory, model theory, and set theory. Mathematical and philosophical implications also are discussed. The department.

Prerequisite: Mathematics 321 or 361.

Alternate years: offered in 2006/07.

361b. Modern Algebra

(1)

The theory of groups and an introduction to ring theory. Topics in group theory include: isomorphism theorems, generators and relations, group actions, Sylow theorems, fundamental theorem of finite abelian groups. The department.

364a or b. Advanced Linear Algebra

(1)

Further study in the theory of vector spaces and linear maps. Topics may include: scalar products and dual space; symmetric, hermitian and unitary operators; eigenvectors and eigenvalues; spectral theorems; canonical forms. The department.

367a. Advanced Topics in Modern Algebra

(1)

Continuation of Mathematics 361. Rings and fields, with a particular emphasis on Galois theory. The department.

Prerequisite: Mathematics 361.

Alternate years: offered in 2006/07.

[380a or b. Topics in Advanced Mathematics]

(1)

Advanced study in an area of mathematics. The department.

Alternate years: not offered in 2006/07.

399. Senior Independent Work $(\frac{1}{2} \text{ or } 1)$

Election requires the approval of a departmental adviser and of the instructor who supervises the work.

Media Studies Program

Director: Thomas Porcello (Anthropology) **Steering Committee:** Lisa Brawley (Urban Studies), Heesok Chang (English), Colleen Cohen (Anthropology and Women's Studies), Robert DeMaria (English), Tom Ellman (Computer Science), William Hoynes (Sociology), Michael Joyce (English), J. Bertrand Lott (Classics), Mia Mask (Film), Barbara Page (English), Philippe Roques (Film), Cindy Schwarz (Physics), Eva Woods (Hispanic Studies); **Participating Faculty:** Sarah Kozloff (Film), Amitava Kumar (English), Jamie Meltzer (Film), Molly Nesbit (Art), Leonard Nevarez (Sociology), Michael Pisani (Music), Harry Roseman (Art), Jeff Schneider (German Studies), David Tavárez (Anthropology), Adelaide Villmoare (Political Science), Silke Von der Emde (German Studies), Patricia Wallace (English).

The Media Studies Program encourages the understanding and critical evaluation of new and old media technologies, the centrality of media in global and local culture, social life, politics and economics, and the contemporary and historical impact of media on individuals and societies. As defined by the program, "media" includes all forms of representational media (oral/aural, written, visual), mass media (print, television, radio, film), new media (digital multimedia, the Internet, networked media), their associated technologies, and the social and cultural institutions that enable them and are defined by them.

The program emphasizes several interrelated approaches to the study of media: multidisciplinary perspectives derived from the arts, humanities, social and natural sciences; the historical study of various forms of communication and the representation of knowledge; theoretical and critical investigation of how media shape our understandings of reality, and the dynamic interrelationship of media industries, cultural texts, communications technologies, policies, and publics; examination of global, as well as non-Western, indigenous, and oppositional media forms and practices; and practical work in media production and the use of media technologies.

Because the Media Studies concentration incorporates courses originating within the program as well as a wide range of courses from other programs and departments, students wishing to concentrate in Media Studies should consult with the program director as early as possible to design their course of study in consultation with a faculty adviser who is drawn from the program steering committee. Prospective majors submit a "focus statement" outlining their interests, objectives, the proposed course of study, and a tentative senior project. The proposed course of study should be rigorous, well-integrated, and feasible in the context of the College curriculum. Focus statements should identify specific courses and provide a narrative explaining the linkages across departments/programs and curricular levels among the proposed courses, as well as their relevance for the proposed senior project. Focus statements are evaluated by the program director, in consultation with the program steering committee.

Requirements for the Concentration: 14 units, including Media Studies 160, 250, 260, 300, and 310. The additional 9 courses will ordinarily be selected from courses cross-listed with Media Studies and the list of Media Studies Approved Courses, which will be made available prior to pre-registration each semester. Students wishing to apply other courses toward the Media Studies concentration should consult with their adviser before petitioning the Program. All petitions must be approved by the program director. The additional courses must be distributed as follows:

- (1) 200-level course work from a minimum of three different departments or multidisciplinary programs;
- (2) a minimum of two 300-level courses, from more than one department or program, and which must reflect the intellectual path set by previous coursework;
- (3) a minimum of one course on multicultural media practices or issues. Students should consult with their faculty advisers to identify appropriate courses from the list of Approved Courses;
- (4) one practice-based course. If the course is not selected from the list of Approved Courses, a study away or fieldwork course may satisfy the requirement upon approval of the Program Director. While students are encouraged to pursue further

practice-based coursework or internships, a maximum of two such units may be applied toward the concentration.

After declaration of the concentration, no courses applied toward the concentration may be elected NRO.

Senior-Year Requirements: Media Studies 310, Senior Seminar; Media Studies 300, a senior project under the supervision of a member of the Program faculty.

Advisers: Students consult with the program director to select an adviser from the steering committee or participating faculty.

1. Introductory

160a and b. Approaches to Media Studies (1)

This course explores concepts and issues in the study of media, attentive to but not limited by the question of the “new” posed by new media technologies. Our survey of key critical approaches to media is anchored in specific case studies drawn from a diverse archive of media artifacts, industries, and technologies: from phonograph to photography, cinema to networked hypermedia, from typewriter to digital code. We examine the historical and material specificity of different media technologies and the forms of social life they enable, engage critical debates about media, culture and power, and consider problems of reading posed by specific media objects and processes, new and old. We take the multi-valence of “media”—a term designating text and apparatus of textual transmission, content and conduit—as a central problem of knowledge for the class. Our goal throughout is to develop the research tools, modes of reading, and forms of critical practice that help us aptly to describe and thereby begin to understand the increasingly mediated world in which we live. Ms. Cohen, Ms. Woods.

II. Intermediate

250b. Medium Specificity (1)

Medium specificity is a consideration of what makes a medium a medium. The emergence of so-called new media has called attention to the ways in which new forms borrow upon or “remediate” older forms. By asking what aspects a particular medium can surrender to another without losing its particularity, we can form provisional representations of the essential aspects of a given medium, new or old, which differentiate it from others. The course considers old and new media including literature, photography, film, television., computer games, immersive computer environments, new media art, and digital image manipulation, sometimes viewing them comparatively in order to isolate those cultural, economic, and ideological structures which have led to the construction, identification, and conservation of a specific medium.

May be repeated for credit if the topic has changed.

Prerequisite: Media Studies 160 or by permission of instructor.

Topic for 2006/07: *Serious Play: Computer Games in Contemporary Culture*. This course explores the medium of computer and video games, as a form of play and entertainment, as an important economic and cultural force, and in relation to other narrative forms, such as fiction and film. Questions raised in the course focus on how games work, what kinds of games are being produced (and not produced); why people play video games, who plays them, and how video games affect behavior; the economic structure of the gaming industry and tie-ins to other industries such as entertainment and military; the representational content of games and the broader and differential impacts of games on culture and society. Students address these questions by playing, observing and critically evaluating popular video games, as well as games of their own creation, in the context of theoretical and critical readings on the gaming phenomenon. Ms. Cohen, Mr. Ellman.

260b. Media Theory (1)

This course aims to ramify our understanding of “mediality”—that is, the visible and invisible, audible and silent contexts in which physical messages stake their ghostly meanings. The claims of media theory extend beyond models of communication: media

do not simply transport preexisting ideas, nor do they merely shape ideas in transit. Attending to the complex network of functions that make up media ecologies (modes of inscription, transmission, storage, circulation, and retrieval) demonstrates the role media play not only in the molding of ideas and opinions, but also in the constitution of subjectivities, social spheres, and non-human circuits of exchange (images, information, capital). Texts and topics vary from year to year, but readings are drawn from a broad spectrum of classical and contemporary sources. Mr. Chang.

Prerequisite: Media Studies 160 or by permission of instructor.

264a. The Avant-Gardes, 1889-1929 (1)
(Same as Art 264a) Ms. Nesbit.

265b. Modern Art and Mass Media, 1929-1968 (1)
(Same as Art 265b) Ms. Nesbit.

[268. The Times: 1968-now] (1)
(Same as Art 268)
Not offered in 2006/07.

290 a or b. Field Work (½ or 1)
Permission of the director required.

298 a or b. Independent Study (½ or 1)
Permission of the director required.

III. Advanced

300. Senior Project (1)
A full-length thesis or (multi)media project. Students design their projects in consultation with the program director and a senior project adviser. Senior project proposals are evaluated by the program steering committee, and all projects are publicly presented and become part of a permanent media archive at the College. The program faculty.

[301. Ancient Societies and New Media] (1)
(Same as Classics 301)
Not offered in 2005/06.

310. Senior Seminar (1)
Special topics course for all senior Media Studies majors, providing a capstone experience for the cohort. This course is taught in the Fall semester each year; instructors will come from the media studies steering committee. Mr. Porcello.
Prerequisite: Media Studies 250 or Media Studies 260.

350b. New York City as a Social Laboratory (1)
(Same as Urban Studies 350b). Topic for 2006/07: *The City in Fragments*. Ms. Brawley, Mr. Chang.

351b. Sound (1)
(Same as Anthropology 351b) Mr. Porcello.

[356b. Culture, Commerce, and the Public Sphere] (1)
(Same as Sociology 356b) Mr. Hoynes.
Not offered in 2006/07.

372b. The Thousand and One Nights (1)
(Same as College Course 372b) Ms. Mark.

379b. Computer Animation: Art, Sciences and Criticism (1)
 (Same as Art 379b and Computer Science 379b) Mr. Ellman, Mr. Roseman.

[385a. Media and War] (1)

Senator Hiram Johnson's 1917 remark "The first casualty when war comes is truth" is often repeated. But the processes through which (mis)information and images circulate in wartime are less well known. This course explores the role of popular media in the production and circulation of knowledge about war. Drawing on both news and entertainment media, we examine how war is represented and remembered in various media, including newspapers, photographs, radio, television, film, and online. Through a series of historical and contemporary case studies, we explore topics such as the practices of the war correspondent, strategies of news management by military planners, the relationship between media images and public attitudes toward war, media as a propaganda tool, and the role of popular media in constructing and contesting national myths and memories of war. Mr. Hoynes.

Prerequisites: Media Studies 160 or by permission of instructor.

Not offered in 2006/07.

399a or b. Senior Independent Work (1)

Permission of the director required.

Approved Courses

Courses on the Approved list may be applied to the concentration in Media Studies; students may petition the program director to apply other courses to their concentration. Students must complete all prerequisites prior to enrolling in courses on the Approved list.

Africana Studies 236	African Cinema	(1)
Africana Studies 301	Black Britain Literature in Film	(1)
American Culture 287	American Television Culture	(1)
Anthropology 246	Anthropology of Art	(1)
Anthropology 259	Soundscapes: Anthropology of Music (Same as Music 259)	(1)
Anthropology 263	Anthropology Goes to the Movies: Film, Video, and Ethnography	(1)
Anthropology 351	Language and Expressive Culture	(1)
Anthropology 361	Consumer Culture	
Art 264	The Avant-Gardes, 1889-1929	(1)
Art 265	Modern Art and Mass Media	(1)
Art 268	The Times, 1968-now	(1)
Art 364	The Shape of Change	(1)
Art 366	Seminar in African American Art and Cultural History (same as Africana Studies 366, and Women's Studies 366)	(1)
Chinese 212	Chinese Film and Contemporary Fiction	(1)
Chinese/Japanese 250	Chinese Popular Culture	(1)
Classics 301	Ancient Societies and New Media	(1)
English 275	Caribbean Discourse	(1)
English 325	Studies in Genres (selected topics)	(1)
English 362	Text and Image	(1)
English 370	Transnational Literatures	(1)
Film 210-211	World Cinema	(1)
Film 212	Genre: The Musical	(1)
Film 214	Genre: The War Film	(1)
Film 215	Genre: Science Fiction	(1)
Film 216	Genre: Romantic Comedy	(1)
Film 218	Genre: The Western	(1)
Film 219	Genre: Film Noir	(1)

Film 230	Women in Film (same as Women Studies 230)	(1)
Film 231	Minorities in the Media	(1)
Film 234	Film and "The Sixties"	(1)
Film 260	Documentary: History and Aesthetics	(1)
Film 280	Cinema Verite	(1)
Film 392	Research Seminar in Film History and Theory	(1)
French 212	Reading French Literature and Film	(1)
French 213	France Through Her Media	(1)
German Studies 230	Contemporary German Culture and Media	(1)
German Studies 235	Introduction to German Cultural Studies	(1)
German Studies 265	German Film in English Translation	(1)
Italian 250	Italian Cinema in English	(1)
Italian 255	Four Italian Filmmakers	(1)
Japanese 222	Narratives of Japan: Fiction and Film	(1)
Japanese 224	Japanese Popular Culture and Literature	(1)
Jewish Studies 315	Jews, Jewish Identity, and the Arts	(1)
Music 238	Music in Film (same as Film 238)	(1)
Philosophy 240	Philosophy of Art & Aesthetics	(1)
Political Science 234	Media and Politics	(1)
Religion 206	Religion and American Film	(1)
Russian 231	Russian Screen and Stage	(1)
Sociology 232	Cultural Sociology	(1)
Sociology 256	Mass Media and Society	(1)
Sociology 265	News Media in America	(1)
Sociology 273	Sociology of the New Economy (Same as Science, Technology, and Society 273)	(1)
Sociology 356	Culture, Commerce, and the Public Sphere	(1)
Sociology 365	Class, Culture, and Power	(1)
Sociology 380	Art, War, and Social Change	(1)
Science, Technology, and Society 136	Patent Law and Policy	(1)
Science, Technology, and Society 200	Science and Technology Studies	(1)
Science, Technology, and Society 302	History of Science and Technology since World War II	(1)
Urban Studies 273	Representations of the City	(1)
Urban Studies 382	Walter Benjamin	(1)
Women's Studies 240	Construction of Gender: Representations of Women in American Popular Media	(1)

Practice-Based Courses

Media Studies majors must complete a minimum of one practice-based course. If the course is not selected from the list of Approved Courses, a Study Away or Fieldwork course may satisfy the requirement upon approval of the program director. While students are encouraged to pursue further practice-based coursework or internships, a maximum of two practice-based course units may be applied toward the concentration.

American Culture 212	The Press in America	(1)
Art 102-103	Basic Drawing	(1)
Art 108	Color	(1)
Art 202-203	Painting 1	(1)
Art 204-205	Sculpture 1	(1)
Art 206-207	Drawing	(1)
Art 208-209	Printmaking: Introduction	(1)
Art 212-213	Photography	(1)
Art 275-276.	Architectural Drawing	(1)

Computer Science 101	Problem-Solving and Procedural Abstraction	(1)
Computer Science 102	Data Structures and Algorithms	(1)
Computer Science 379	Computer Animation (same as Art 379)	(1)
Dance 364-367	Repertory Dance Theater	(1)
Drama 209	Topics in Production	(1)
English 205-206	Composition	(1)
English 207-208	Literary Nonfiction	(1)
English 210	Narrative Writing,	(1)
Film 240	Experiments in Video	(1)
Geography 220	Cartography: Making Maps with GIS	(1)
Geography 225	GIS: Spatial Analysis	(1)
Geology 26 1	Field Geophysics: Digital Underground	(1)
Music 215-216	Composition	(1)
Music 219-220	Electronic Music	(1)
Physics 100	Physics in Motion.	(1)

Medieval and Renaissance Studies

Coordinator: Karen Robertson (English and Women's Studies); **Steering Committee:** Jacqueline Musacchio (Art), J. Bertrand Lott (Classics), Mark Amodio, Leslie Dunn, Don Foster, (English), Christine Reno (French), Nancy Bisaha, Mita Choudhury (History), John Ahern (Italian), Lynn LiDonnici (Religion); **Participating Faculty:** Susan D. Kuretsky (Art), Robert D. Brown (Classics), Robert DeMaria, Ann Imbrie, Eugenio Giusti (Italian); Brian Mann (Music), Mitchell Miller (Philosophy), Margaret Leeming (Religion).

The interdepartmental program in Medieval and Renaissance Studies is designed to provide the student with a coherent course of study in the arts, history, literature, and thought of European civilization from the fall of Rome to the seventeenth century.

Requirements for concentration: 12 units, including Medieval/Renaissance Culture 220, and the senior thesis. Three units, one of which is the senior thesis, must be at the 300-level. Distribution and language requirements, listed below, must also be satisfied.

Distribution Requirement: In addition to Medieval/Renaissance Culture 220 and the thesis, students should take 10 units from the approved list. Two courses must be chosen from each of three groups of disciplines: Art and Music; History, Philosophy, Religion; Language and Literature. 300-level work is required in at least two departments.

Language Requirement: The major requires demonstration of competence in Latin or in at least one vernacular language besides Middle English. Competency is demonstrated by completion of at least two courses at the 200-level. Languages may include French, German, Hebrew, Italian, Latin, Old English, and Spanish.

Recommendations: Since Latin is a core skill for medieval studies, all students are strongly urged to take at least one year of Latin. Students expecting to concentrate on the Renaissance should also study Italian.

Certain courses help form a foundation for this major. A selection from these 100-level courses may be applied toward the major in consultation with the coordinator: Art 105, Classics 102, Classics/College Course 101, Italian 175, History 123, Religion 150, Philosophy 101 or 102. No more than two 100-level courses may be offered toward the major.

Correlate Sequence in Medieval and Renaissance Studies: 6 graded units from the list of approved courses are required, including Medieval and Renaissance Studies 220 or History 215 or History 225; Art 220 or the equivalent; and English 220-221 or the equivalent in a foreign language. These courses should be taken early in a student's career. 100-level work cannot be included in the sequence and at least 1 unit must be at the 300-level. The courses selected for the sequence must form a unified course of study and a written proposal articulating the focus of the sequence must be submitted to the correlate sequence adviser for approval prior to declaration.

Course Offerings

116b. **The Dark Ages, c. 400-900** (1)
(Same as History 116a)

202. **Thesis Preparation** (½)

220. **Medieval/Renaissance Culture** (1)

Topic for 2006/07a: *Muslims and Christians in the Middle Ages*. This course examines contacts, exchanges, observations and parallel traditions within the worlds of Christianity and Islam. Topics and texts include religious debates, travelers' accounts, court culture, literature, architecture, and common religious traditions such as mysticism and pilgrimage. Ms. Bisaha, Ms. Leeming.

Topic for 2006/07b: *Women in the Renaissance*. An interdisciplinary introduction to women in European Renaissance culture. Close scrutiny of primary sources, including major literary texts. The course examines themes such as female agency, women and

the construction of politics and science, gendered voices, and gendered spaces. Ms. Choudhury, Ms. Robertson.

246a. Music and Ideas I: Medieval and Early Modern Europe: The Power of Church and Court (1)
(Same as Music 246a)

300. Senior Thesis (1)
An interdisciplinary study written under the supervision of two advisors from two different disciplines.

Approved Courses

Art and Music

[Art 220a	Romanesque and Gothic Architecture]	(1)
	Not offered in 2006/07.	
[Art221b	The Sacred Arts of the Middle Ages]	(1)
	Not offered in 2006/07.	
Art 235a	Renaissance Painting, Sculpture and	(1)
	Decorative Arts in Italy	
Art 236b	Sixteenth-Century Painting, Sculpture, and	(1)
	Decorative Arts in Italy	
Art 243b	Art and Ideas of the Golden Age in Spain	(1)
Art 270a	Renaissance Architecture	(1)
Art 332b	Seminar in Italian Renaissance Art	(1)
Music 323a	Music and Poetry of the Italian Renaissance	(1)

History, Philosophy, Religion

Classics 102b	Reading Antiquity	(1)
Classics 103a	Crosscurrents	(1)
Classics 214a	Male and Female in Greek and Roman	(1)
	Literature and Myth	
Classics 215	The Rome of Caesar Augustus	(1)
Classics 217	History of the Ancient Romans	(1)
Classics 280b	Roman Philosophy	(1)
Classics 301b	Recovering the Past	(1)
[History 215b	High Middle Ages, c. 950-1300]	(1)
	Not offered in 2006/07.	
History 315a	World of the Crusades	(1)
[History 325b	Renaissance Italy]	(1)
	Not offered in 2006/07.	
[Religion 225	The Hebrew Bible]	(1)
	Not offered in 2006/07.	
Religion 227	Christian Traditions	(1)
[Religion 243	Islamic Traditions]	(1)
	Not offered in 2006/07.	
Religion 350	Comparative Studies in Religion	(1)

Language and Literature

Africana Studies 203b.	The Origins and Development of	(1)
	Islamic Literature	
English 235a	Old English	(1)
English 236b	Beowulf	(1)
English 237a	Chaucer	(1)

[English 239	Renaissance Drama]	(1)
	Not offered in 2005/06.	
English 240a, b	Shakespeare	(1)
English 241-242	Shakespeare	(1)
English 340a	Studies in Medieval Literature	(1)
English 341b	Studies in the Renaissance	(1)
English 345b	Milton	(1)
English 362a	Text and Image	(1)
	Topic for 2006/07: <i>Woven Stories: Medieval Texts and Tapestries</i>	
[French 230a	Medieval and Early Modern Times]	(1)
	Not offered in 2006/07.	
French 332b	Literature and Society in Pre-Revolutionary France	(1)
	Topic for 2006/07: <i>Jeanne d'Arc: Mythologies of a Female Icon</i>	
Hispanic Studies 226b	Medieval and Early Modern Spain	(1)
	Topic for 2006/07: <i>To be announced.,</i>	
Italian 175	Italian Renaissance in English Translation	(1)
Italian 220b	Italian Civilization: Interpreting the Texts	(1)
Italian 237b	Dante's <i>Divine Comedy</i> in Translation	(1)
Italian 330a	The Italian Renaissance: Epic Tradition	(1)
Italian 388b	Petrarch's Letters	(1)
Latin 105a-106b	Elementary Latin	(1)
Latin 215a	Republican Literature	(1)
Latin 220b	Literature of the Empire	(1)
Latin 301b	Topics in Latin Literature	(1)
	Topic for 2006/07: <i>Juvenal</i>	
Latin 302a	Vergil	(1)
Latin 304	Roman Lyric and Elegy	(1)

Music

Professors: Todd Crow^b, Richard Wilson^a; **Associate Professors:** Brian Mann, Michael Pisani (Chair); **Assistant Professor:** Kathryn Libin; **Visiting Assistant Professors:** Harold Meltzer*, Drew Minter, Thomas Sauer*; **Lecturers:** Arthur D. Champlin III*, Merelley Gallagher*, Larry Guy*, Betty-Jean Hagen*, Eduardo Navega, Mary Nessinger*, James R. Osborn*, Robert Osborne*, Linda Quan*, John Solum*; **Adjunct Lecturer:** Viviane Thomas*; **Visiting Instructors:** Christine Howlett; **Adjunct Instructors:** Cheryl Bishkoff*, Ronald Carbone*, Frank Cassara*, Jeff Lang*, Rachel Rosales*, Ed Xiques.

Requirements for Concentration: 13 units of graded work, including Music 105/106, 205, 206, 207, 208, 246/247/248; one of the following: Music 210, 211; one of the following: Music 320, 321, 322, 323; 2 additional units from history and theory courses which may include not more than one of the following: Music 202, 212, 213, 214, 231, 238; and 11/2 units of performance in the same instrument.

Senior-Year Requirements: 2 units at the 300-level, at least one of them in history or theory. After declaration of major, no work taken NRO may be used to fulfill requirements for concentration.

Recommendations: A reading knowledge of at least one of the following foreign languages: German, French, Italian. German is strongly recommended. Students planning to concentrate in music will normally elect Music 105/106 in the freshman year and 246/247/248 in the sophomore year, continuing into the first semester of the junior year. Majors are encouraged to audition for membership in one of the choral or instrumental organizations sponsored by the department.

Correlate Sequence in Music History: 7 units including Music 105/106 (Harmony), 246/247/248 (Music History); 2 units of the following: Music 320, 321, 322, 323 (Seminars).

Correlate Sequence in Music Theory: 7 units including Music 105/106 (Harmony), Music 205 (Advanced Harmony), Music 215 (Composition), Music 210, 211 (Counterpoints), and Music 399 (Independent Work for 1 unit).

Correlate Sequence in Music Composition: 7 units including Music 105/106 (Harmony), Music 215/216 (Composition I), Music 219/220 (Electronic Music), Music 315 (Composition II).

Correlate Sequence in Music and Culture: 7 units including either Music 140 or 141 and either Music 101 or 105; 4 units of the following: Music 201 (Opera), Music 202 (Black Music), Music 212 (World Musics), Music 213 (American Music), Music 214 (History of Jazz), Music 231 (Women Making Music), Music 238 (Music in Film), Anthropology/Music 259 (Soundscapes: Anthropology of Music), and Music 399 (Independent Work for 1 unit).

Advisers: The department.

History and Theory

I. Introductory

101a and b. Fundamentals of Music (1)

A beginning study of the elements of music including notation, rhythm and meter, scales and modes, intervals, melody, chord progression, musical terms, and instruments. To facilitate reading skills, class exercises in ear training and sight singing are included. May not be counted in the requirements for concentration. Mr. Pisani (a semester). Mr. Vishio (b semester).

Open to all classes. Previous musical training unnecessary.

105a/106b. Harmony (1)

A study of tonal harmony as found in the music of the eighteenth and nineteenth centuries. Primary emphasis is on writing, including harmonization of bass lines and melodies; analysis of representative examples and ear training. Mr. Wilson, Ms. Libir, Mr. Vishio.

^a Absent on leave, first semester.

^b Absent on leave, second semester.

* Part time.

Open to all classes.

Prerequisite: each student must demonstrate to the instructor a familiarity with treble and bass clef notation, scales, and basic rhythmic notation.

140a, 141b. Music as a Literature (1)

A study of selected topics in the history of Western music. Mr. Mann.

Topic for 140a: An investigation of two pivotal moments in the history of European music: the Classic style of Mozart, Haydn, and Beethoven, and the rise of modernism at the turn of the twentieth century.

Topic for 141b: An investigation of three discrete topics: a survey of the works of J. S. Bach and his role in music history; masterworks of musical Romanticism; and landmarks in the history of the art song.

Open to all classes. Previous musical training not required. May not be counted in the requirements for concentration.

Two 75-minute periods.

II. Intermediate

201a. Opera (1)

Changing approaches to the drama in music from 1600 to the present.

Prerequisite: 1 unit in one of the following: art; drama; Italian, French, German, or English literatures; music; or by permission. May not be counted in the requirements for concentration.

Alternate years: offered in 2006/07.

202b. Black Music (1)

(Same as Africana Studies 202) An analytical exploration of the music of certain African and European cultures and their adaptive influences in North America. The course examines the traditional African and European views of music performance practices while exploring their influences in shaping the music of African Americans from the spiritual to modern. Mr. Reid.

205b. Advanced Harmony (1)

A continuation of Music 105/106, using more complex harmonic resources and analyzing more extended works. Mr. Vishio.

Prerequisite: Music 105/106 or by permission.

206b. Musicianship Skills I (½)

An aural-skills class based on diatonic melody and harmony. Class exercises include sight singing, ear training, clef reading, keyboard skills and basic conducting patterns. Ms. Howlett.

Prerequisite: Music 105/106 or by permission.

[207b. Musicianship Skills II] (½)

A continuation of Music 206 adding chromatic melody and harmony with intermediate keyboard skills such as figured bass realization, improvised accompaniment, and score reading.

Prerequisite: Music 206.

Not offered in 2006/07.

208a. Musicianship Skills III (½)

A continuation of Music 207, developing aural, keyboard, and clef-reading skills to a higher degree of proficiency. Mr. Navega.

Prerequisite: Music 207.

[210a. Modal Counterpoint] (1)

A study, through analysis and written exercises, of contrapuntal techniques of the sixteenth century. Mr. Vishio.

Prerequisite: Music 105/106 or by permission of instructor.

Alternate years: not offered in 2006/07.

211a. Tonal Counterpoint (1)

A study, through analysis and written exercises, of contrapuntal techniques of the eighteenth century. Mr. Vishio.

Prerequisite: Music 105/106 or by permission of instructor.

Alternate years: offered in 2006/07.

[212b. World Musics] (1)

(Same as Anthropology 212) Studies in non-European musical cultures. Ms. Libin.

Prerequisite: 1 unit in one of the following: anthropology, Asian Studies, music, religion, or by permission of instructor.

Alternate years: not offered in 2006/07.

213b. American Music (1)

The study of folk, popular, and art musics in American life from 1600 to the present and their relationship to other facets of America's historical development and cultural growth. Mr. Pisani.

Prerequisite: 1 unit in one of the following: music; studies in American history, art, or literature; or by permission of instructor.

Alternate years: offered in 2006/07.

[214a. History of American Jazz] (1)

An investigation of the whole range of jazz history, from its beginning around the turn of the century to the present day. Among the figures to be examined are: Scott Joplin, "Jelly Roll" Morton, Louis Armstrong, Bessie Smith, Duke Ellington, Fletcher Henderson, Count Basie, Thomas "Fats" Waller, Charlie Parker, Dizzy Gillespie, Thelonious Monk, Charles Mingus, and Miles Davis.

Prerequisite: 1 unit in one of the following: music, studies in American history, art, or literature; or by permission of instructor.

Alternate years: not offered in 2006/07.

215a/216b. Composition I (1)

Creative work in modernist idioms. Analysis of selected works; study of instrumental resources. Mr. Meltzer.

Prerequisite: Music 105/106 or by permission of instructor.

If a senior project in composition is planned, the student should elect Music 215/216 in the sophomore year and Music 315 in the junior year.

[219a/220b. Electronic Music] (1)

A practical exploration of electronic music, composition, and production techniques, including tape recording and manipulation, analog synthesis, MIDI sequencing, digital synthesis, sampling, digital recording and editing, signal processing and mixing. Compositional and creative aspects will be emphasized with extensive lab time provided for student projects.

Prerequisite: by permission of instructor.

Not offered in 2006/07.

231b. Women Making Music (1)

(Same as Women's Studies 231) A study of women's involvement in Western and non-Western musical cultures. Drawing on recent work in feminist musicology and ethnomusicology, the course studies a wide range of musics created by women, both past and present. It explores such topics as musical instruments and gender, voice and embodiment, access to training and performance opportunities, and representations of women musicians in art and literature. Ms. Libin.

Prerequisite: one unit in music, or women's studies, or by permission of instructor.

Alternate years: offered in 2006/07.

237a. Music and Literary Traditions of Five Caribbean Islands (1)

(Same as Africana Studies 237) Mr. Reid.

[238b. Music in Film] (1)
 (Same as Film 238) A study of music in sound cinema from the 1920s to the present. The course focuses on the expressive, formal, and semiotic function that film music serves, either as sound experienced by the protagonists, or as another layer of commentary to be heard only by the viewer, or some mixture of the two. Composers studied include Max Steiner, Bernard Herrmann, Jerry Goldsmith, Danny Elfman, and others, as well as film scores that rely upon a range of musical styles, including classical, popular, and non-Western. Mr. Pisani.
 Prerequisite: one course in music (not performance) or film.
 Two 2-hour classes a week, plus outside screening.
 Not offered in 2006/07.

246a/247b/248a. Music and Ideas (1)

246a: Music and Ideas I - *Medieval and Early Modern Europe: The Power of Church and Court*

(Same as Medieval and Renaissance Studies 246) This course introduces major historical and intellectual ideas of music from the Ancient world through 1660. The focus is on essential repertoire as well as the cultures that fostered principal genres of sacred and secular music during the Middle Ages, Renaissance, and early Baroque. Mr. Mann.

247b: Music and Ideas II - *Enlightenment and the Influence of Rationalism*

A study of musical genres and trends over the course of the "long eighteenth century" from 1660 to 1830. The course explores significant shifts in musical language from the high Baroque through the age of revolution and early Romanticism, as revealed in great works from Purcell through Beethoven. Ms. Libin.

248a: Music and Ideas III - *Modernism and its Challenges*

This course begins with progressive composers Berlioz, Liszt, and Wagner and traces the development of their schools of thought through the late nineteenth century. The rising importance of popular song and jazz in twentieth century along with major composers who have found new expression within classical traditions and "postmoderns" who have worked to bridge genres. Mr. Pisani.

Prerequisites: Music 105/106 or by permission of instructor.

Three 50-minute periods and a discussion section.

[259a. Soundscapes: Anthropology of Music] (1)

(Same as Anthropology 259a) Mr. Porcello.

Not offered in 2006/07.

290a or b. Field Work (½ or 1)

298a or b. Independent Work (½ or 1)

Special projects in theory, history, or performance which supplement the curriculum.

Open to qualified students with permission of department.

III. Advanced

302a or b. Senior Project (½)

A paper, composition, or recital. Proposals for a project must first have the approval of an appropriate faculty adviser and then be submitted for departmental approval by the end of the junior year.

315a/316b. Composition II (1)

Further work in original composition; analysis of examples illustrating current practice. Mr. Melter, Mr. Wilson.

Permission of the instructor required; qualification to be determined by submission in advance of original work.

Prerequisites: Music 105/106 and 215/216 or equivalent.

Seminars

[320. **Advanced Studies in Musical Genres**] (1)
Not offered in 2006/07.

321a. Composer in Focus: Wolfgang Amadè Mozart (1)
A study of the life and works of Wolfgang Amadè Mozart within the context of late-Enlightenment European culture. In this 250th anniversary year of his birth we will reflect on the meaning of Mozart's music in today's world, and assess how recent research has altered our image of the composer and his career. Ms. Libin.
Prerequisites: Music 105/106; 246/247; or by permission of instructor.

321b. Composer(s) in Focus: Aaron Copland and Elliott Carter (1)
A study of the life and works of two distinguished twentieth-century American composers. Mr. Wilson.
Prerequisites: Music 105/106; 205; 246/247/248; or by permission of instructor.

[322. **Advanced Studies in Theory**] (1)
Not offered in 2006/07.

323b. Intersections in Music and Literature (1)
Topic for 2006/07: *The Italian Madrigal, Music and Poetry in the Renaissance*. This course examines the history of the sixteenth- and early seventeenth-century Italian madrigal and related secular forms, with close attention to the varieties of Italian poetry that composers set to music throughout the madrigal's lengthy history. In particular, we consider the madrigalists' responses to Petrarch's *Canzoniere*, Tasso's *Gerusalemme liberata*, and Guarini's *Il Pastor Fido*. The course also examines the role of less exalted poetry ("poesia per musica") in the genre's history. Mr. Mann.
Prerequisites: Music 105/106; 205; 246; or by permission of instructor.

399a or b. Senior Independent Work (½ or 1)
Special projects in theory, history, or performance which supplement the curriculum.
Open to qualified students with permission of department.

Performance

Auditions are required for both credited and uncredited study and are arranged at the beginning of each semester for students who register for the desired course. Each course in performance includes a program of literature suited to the individual student, and requires a reasonable improvement in technical proficiency and interpretative understanding for continuation.

Correlative courses in theory or history (see Individual Instruction below) should be begun as early as possible, but no later than the third semester of credited study.

Enrollment is limited in each area of instruction, especially voice. Music majors and students studying for credit are given preference. Beginners are accepted as schedules permit.

Fees: See section on fees. Scholarships to cover charges are made available through the Office of Financial Aid and are granted only for credited study. Individual instruction is given as follows:

Saxophone (Music 043, 143, 243, 343): Mr. Xiques.

Piano (Music 060, 160, 260, 360): Mr. Crow, Mr. Sauer.

Organ (Music 061, 161, 261, 361): Mrs. Gallagher.

Harpsichord (Music 062, 162, 262, 362): Mrs. Gallagher.

Voice (Music 063, 163, 263, 363): Mr. Minter, Ms. Nessinger, Mr. Osborne,
Ms. Rosales, Ms. Thomas.

Violin (Music 064, 164, 264, 364): Ms. Hagen, Ms. Quan.

Viola (Music 065, 165, 265, 365): Mr. Carbone.

Violoncello (Music 066, 166, 266, 366): Ms. Seligman, Ms. Shao.

Double Bass (Music 067, 167, 267, 367): Mr. Pappas.

Classical Guitar (Music 068, 168, 268, 368): Mr. Champlin.

Harp (Music 069, 169, 269, 369): Mr. Owens.

Flute (Music 070, 170, 270, 370): Mr. Solum.

Oboe (Music 071, 171, 271, 371): Ms. Bishkoff.

Clarinet (Music 072, 172, 272, 372): Mr. Guy.

Bassoon (Music 073, 173, 273, 373): Ms. Romano.

French Horn (Music 074, 174, 274, 374): Mr. Lang.

Trumpet (Music 075, 175, 275, 375): Mr. Osborn.

Trombone (Music 076, 176, 276, 376): Mr. Bellino.

Tuba (Music 077, 177, 277, 377): Instructor to be announced.

Percussion (Music 078, 178, 278, 378): Mr. Cassara.

Jazz Improvisation (Music 079, 179, 279, 379): Mr. Osborn.

Note: Performance levels are described under numbers Music 000, 100, 200, 300. Credited instruction in piano, for example, should be elected as Music 160; whereas uncredited study should be elected as Music 060.

The department will attempt to arrange instruction in certain instruments not listed above. Students wishing such instruction should consult with the chair of the department. Auditions are usually required.

Individual Instruction

000a, b. Performance (0)

Uncredited lessons.

Open to all classes by audition.

One 50-minute period. *Unscheduled.*

100a, b. Performance (½)

Open to all students who have passed the audition or upon recommendation of the instructor.

A corequisite course in theory or history is strongly recommended.

One 50-minute period. *Unscheduled.*

200a, b. Performance (½)

Prerequisite: two semesters of credited study in this instrument. Corequisite: one course per semester in theory or history is required unless two such courses have previously been completed.

One 50-minute period. *Unscheduled.*

300a, b. Performance (½)

Prerequisite: four semesters of credited study in this instrument.

One 50-minute period. *Unscheduled.*

380a, b. Performance (½)

Prerequisite: six semesters of credited study in this instrument.

One 50-minute period. *Unscheduled.*

Ensembles

In the following six ensembles (Wind Ensemble, Jazz Ensemble, Orchestra, Choir, Women's Chorus, and Madrigal Singers) the first semester is an uncredited prerequisite for the second: credited study is offered only in the second semester. Students wishing to enroll for credit in the second semester must register for the uncredited prerequisite in the first semester. No student should exceed 2 units of credit in his or her four years at Vassar. Membership is open to all classes and assumes a full year commitment. Admission is by audition.

044a, 045b, 244a, 245b. Chamber Music (0 or ½)

The study and performance of selected works from the ensemble repertoire of instrumental or vocal mediums or their combinations. Mr. Navega.

Open to qualified students with the permission of the instructor. No student

may exceed 2 units of this credit in his or her four years at Vassar. May be counted in performance requirements for concentration in music only as specified under the alternative concentration in performance. No fee.

One 50-minute period. Unscheduled.

048a, 049b, 149b. Wind Ensemble (0 or ½)

The fifty-member ensemble performs the works of the wind and band repertoire. The group is open to all woodwind, brass, and percussion players. Mr. Osborn.

Open to all students by audition.

One meeting per week plus sectional rehearsals.

050a, 051b, 151b. Jazz Ensemble (0 or ½)

The jazz ensemble performs literature ranging from the Big Band Era to jazz-rock fusion. Improvisation and ensemble playing in a jazz style are featured. Mr. Osborn.

Open to all students by audition.

One meeting per week.

052a, 053, 153. Orchestra (0 or ½)

The 60-member orchestra performs masterworks of the symphonic literature. Mr. Navega.

Open to all students by audition.

Two meetings per week.

054a, 055b, 155b. Women's Chorus (0 or ½)

The Women's Chorus is an ensemble of 30-50 women that studies and performs repertoire from the medieval period to the present. The choir performs on campus and occasionally makes concert tours. Ms. Howlett.

Open to all students by audition.

Three meetings per week.

056a, 057b, 157b. Choir (0 or ½)

The choir is a mixed ensemble of between 40 and 60 voices that studies and performs choral/orchestral and *a cappella* literature for a larger chorus from the Renaissance through the present. The choir performs on campus and occasionally makes concert tours. Ms. Howlett.

Open to all students by audition.

Three meetings per week.

058a, 059b, 159b. Madrigal Singers (0 or ½)

The Madrigal Singers is a select mixed ensemble of between 10 and 20 voices which studies and performs literature for solo and chamber vocal ensemble. Mr. Minter.

Two meetings per week.

254b. Opera Workshop (½)

The study and performance of selected operatic repertoire. Open to qualified students by audition. Mr. Minter.

No student may exceed 2 units of this credit in his or her four years at Vassar.

Neuroscience and Behavior

Professors: N. Jay Bean, Carol Christensen, Janet Gray, Kathleen M. Susman (Director), Robert Suter; **Associate Professors:** Jeffrey Cynx, Richard Hemmes, Kevin Holloway, William Straus, Susan Trumbetta; **Assistant Professors:** Erica Crespi, J. Mark Cleaveland, Kevin Holloway; **Visiting Assistant Professor:** Jason Jones

Neuroscience and Behavior is an interdisciplinary program which applies the perspectives and techniques of both biology and psychology to the study of the brain and behavior. Neuroscientists are interested in how the interactions of brain, body, and environment contribute to animal (including human) behavior. Neuroscientists study the structure and function of the nervous system, the development and evolution of neural and behavioral systems, and interactions among behavior, environment, physiology, and heredity.

This program is ideal for those students with interests in the biological and psychological sciences. A concentration in Neuroscience and Behavior can prepare students for graduate study in biology, psychology, or the neurosciences.

Requirements for Concentration: 13 units; all students must take:

Biology 105	Introduction to Biological Processes	(1)
Biology 106	Introduction to Biological Investigation	(1)
Psychology 105 or 106	Introduction to Psychology	(1)
Psychology 200	Statistics and Experimental Design	(1)
Psychology 241 or 243	Physiological Psychology or Neuropsychology	(1)
Psychology 229 or 249	Research Methods in Learning and Behavior or Research Methods in Physiological Psychology	(1)
Neuroscience and Behavior 201	Neuroscience and Behavior	(1)
Neuroscience and Behavior 301	Seminar in Neuroscience and Behavior	(1)

After consultation with the major adviser, five other courses not taken as Required Courses (see list above) should be chosen from the following list. Two of these courses should be at the 200-level, one of these from the biology department and one from the psychology department. Three of the five courses should be at the 300-level. Of these three courses at the 300-level, at least one should be from the biology department and one from the psychology department. No course beyond the 100-level taken NRO can be counted toward the requirements of the major.

Approved Courses

Intermediate

Psychology 211	Perception and Action	(1)
Psychology 213	Language	(1)
Psychology 215	Knowledge and Cognition	(1)
Psychology 221	Learning and Behavior	(1)
Psychology 223	Comparative Psychology	(1)
Psychology 229	Research Methods in Learning and Behavior	(1)
Psychology 249	Research Methods in Physiological Psychology	(1)
Psychology 262	Abnormal Psychology	(1)
Psychology 264	Behavioral Genetics	(1)
Biology 226	Animal Structure and Diversity	(1)
Biology 228	Animal Physiology	(1)
Biology 232	Developmental Biology	(1)
Biology 238	Principles of Genetics	(1)
Biology 272	Biochemistry	(1)

Advanced

Entry into particular 300-level courses may be constrained by prerequisites: see course descriptions for the individual courses listed under Biology and Psychology.

Psychology 300	Advanced Methods of Statistical Analysis	(1)
Psychology 321	Seminar in Animal Learning and Behavior	(1)
Psychology 323	Seminar in Comparative Psychology	(1)
Psychology 341	Seminar in Physiological Psychology	(1)
Psychology 343	Seminar on States of Consciousness	(1)
Psychology 362	Seminar in Psychopathology	(1)
Biology 316	Neurobiology	(1)
Biology 323	Cell Biology	(1)
Biology 324	Molecular Biology	(1)
Biology 325	Bioinformatics	(1)
Biology 340	Animal Behavior	(1)
Biology 350	Evolutionary Biology	(1)

Recommendations: Students are strongly recommended to complete Chemistry 108-109 and 244-245 and would benefit greatly from coursework in mathematics, physics, and computer science. Students are advised to take in their freshman year: Biology 105, Biology 106, and Psychology 105 or 106.

Course Descriptions

See biology and psychology.

201. Neuroscience and Behavior (1)

A multidisciplinary approach to the methods, issues, empirical findings and neuroscience and behavior literature. The course explores selected topics from a variety of theoretical and empirical models, from behavioral, evolutionary, social/environmental, physiological and cellular/molecular levels of analysis. The ways in which the different methods of analysis inform each other are a focus of the course. Neuroscience and Behavior faculty.

Prerequisites: Biology 105, Biology 106, Psychology 105, and Psychology 241 or 243.

Two 75-minute periods, one 4-hour laboratory.

290. Fieldwork (½ or 1)

By permission of the adviser and the instructor who supervises the work.

298. Independent Work (½ or 1)

By permission of the adviser and the instructor who supervises the work. Library, field or laboratory projects. By permission of the Neuroscience and Behavior faculty.

301. Seminar in Neuroscience and Behavior (1)

Explorations in the primary literature of topics to be selected annually. Neuroscience and Behavior faculty.

Prerequisite: by permission of instructor.

399. Senior Independent Work (½ or 1)

By permission of the adviser and the instructor who supervises the work. Library, field, or laboratory projects, by permission of the Neuroscience and Behavior faculty.

Philosophy

Professors: Giovanna Borradori, Jennifer Church, Mitchell Miller (Chair), Michael E. Murray, Uma Narayan^b; **Associate Professors:** Bryan Van Norden, Douglas Winblad^b; **Assistant Professor:** Jeffrey Seidman; **Adjunct Professor:** Jesse Kalin.

Philosophy as a discipline reflects both speculatively and critically on the world, our actions, and our claims to knowledge. It pays special attention to questions and problems that other fields neglect or may be unable to resolve. The Department of Philosophy offers a variety of courses of study that not only familiarize students with the great philosophical achievements of the past and present but also aim to teach them how to think, write, and speak philosophically themselves.

Requirements for Concentration: 12 units including Philosophy 101, 102, 125, two of the following four: Philosophy 220, 222, 224, 226, either 234 or 238, 300-301, and three differently numbered 300-level seminars (not including Philosophy 396).

Senior-Year Requirement: Philosophy 300-301

Recommendations: Individual programs should be designed, in consultation with a faculty adviser, to give the student a representative acquaintance with major traditions in philosophy, competence in the skills of philosophic investigation and argument, and opportunities for exploration in areas of special interest. Students considering a concentration in philosophy are advised to take Philosophy 101 and 102 early in their careers. German, French, and Greek are languages of particular importance in Western philosophy; Chinese will be of special interest to those taking Philosophy 110, 210, or 350.

Advisers: The department.

Correlate Sequences in Philosophy: The philosophy department offers six different correlate sequences. In each sequence a total of 6 units is required. The required 300-level seminar may be taken twice if the topics differ; students may also petition to count an appropriate Philosophy 280 as equivalent to a 300-level seminar.

Correlate Sequence in Aesthetics and Philosophy of Art: Philosophy 101 or 102; Philosophy 240, 260; one of 205, 215 or an appropriate 280; two appropriate 300-level seminars. Advisers: Ms. Borradori, Mr. Murray.

Correlate Sequence in Comparative Philosophy: Philosophy 110 and one of 101 or 102; Philosophy 210 and 234; two appropriate 300-level seminars, including Philosophy 350. Adviser: Mr. Van Norden.

Correlate Sequence in Ethics and Social and Political Philosophy: 1 unit at the introductory level, either Philosophy 106 or 101 or 110; 3 units at the intermediate level, including Philosophy 234 and one of 238 or 250; two appropriate 300-level seminars, including Philosophy 330. Advisers: Ms. Narayan, Mr. Seidman.

Correlate Sequence in Continental Philosophy: Philosophy 101 or 102; 205, 215, and one of Philosophy 240 or 260; two appropriate 300-level seminars, including Philosophy 340. Advisers: Ms. Borradori, Mr. Murray.

Correlate Sequence in the History of Western Philosophy: Philosophy 101 and 102; Philosophy 205 and 215; two appropriate 300-level seminars, including Philosophy 320. Adviser: Mr. Miller.

Correlate Sequence in Analytic Philosophy: Philosophy 125 and either 105 or 102; 2 units of Philosophy 220, 222, 224, or 226; two appropriate 300-level seminars, including Philosophy 310. Advisers: Ms. Church, Mr. Winblad.

Correlate sequences may also be designed for certain other subfields in philosophy—for instance, philosophy and gender, philosophy of science, classical philosophy.

I. Introductory

No prerequisites; open to all classes. Any of these courses is suitable as a first course in philosophy.

101a. History of Western Philosophy I

(1)

Philosophy from its origins in Greece to the Middle Ages. Mr. Borradori, Mr. Miller, Mr. Murray, Mr. Seidman.

^bAbsent on leave, second semester.

102b. History of Western Philosophy II (1)

Modern philosophy from the Middle Ages and the Renaissance through Kant. Ms. Borradori, Mr. Murray, Mr. Seidman.

105a, b. Problems of Philosophy (1)

An examination of various philosophical problems, such as the nature of reality, the limits of human knowledge, the relation between mind and body, and the basis of moral values. Ms. Church, Mr. Van Norden, instructor to be announced.

106a, b. Philosophy and Contemporary Issues (1)

Philosophic investigation of a range of positions on current issues such as abortion, pornography, affirmative action, gay rights, distributive justice, animal rights, and freedom of speech. Instructor to be announced.

110a. Early Chinese Philosophy (1)

An introduction to Chinese philosophy in the period between (roughly) 500 and 221 B.C., covering Confucians, Taoists and others. Among the topics discussed by these philosophers are human nature, methods of ethical education and self-cultivation, virtues and vices, and the role of conventions and institutions in human life. Mr. Van Norden.

125a, b. Symbolic Logic (1)

A study of the concepts and methods of formal logic. Topics include truth functional and quantificational validity, soundness, and completeness. Mr. Winblad, instructor to be announced.

II. Intermediate

Prerequisite for all 200-level courses unless otherwise specified: 1 unit of philosophy or permission of instructor.

205b. Nineteenth Century Philosophy (1)

The philosophies of such figures as Hegel, Kierkegaard, Marx and Nietzsche, and of movements such as post-Kantian idealism, utilitarianism, and positivism. Mr. Miller.

210b. Neo-Confucianism and Chinese Buddhism (1)

Introduction to Neo-Confucianism, one of the most influential intellectual movements in China and all of East Asia. Some discussion of Theravada and Mahayana Buddhism. No familiarity with Chinese culture is assumed, but a previous 100-level course in philosophy is a prerequisite because this course assumes you have the ability to tackle subtle issues in metaphysics, personal identity, and ethics. Mr. Van Norden.

215a. Phenomenology and Existential Thought (1)

The major themes in existential and phenomenological thought as developed by such figures as Kierkegaard, Nietzsche, Heidegger, Sartre, Merleau-Ponty, and Levinas. Ms. Borradori.

220a. Metaphysics and Epistemology (1)

A study of fundamental questions pertaining to the nature of reality and our knowledge of it, with special attention to realism, relativism, and skepticism. Mr. Winblad.

222a. Philosophy of Language (1)

An examination of truth, meaning, reference, intentions, conventions, speech acts, metaphors, and the relation between language and thought. Instructor to be announced.

- 224b. Philosophy of Mind** (1)
An exploration of what sort of thing the mind is, what is special about first-person knowledge, what constitutes consciousness, and why consciousness matters. Ms. Church.
- [226a. Philosophy of Science]** (1)
(Same as Science, Technology and Society 226) A study of the principles of scientific reasoning. Topics include explanation, justification, scientific rationality, realism versus instrumentalism, and laws. Mr. Winblad.
Not offered in 2006/07.
- 234a. Ethics** (1)
Why be moral? What is the relation between morality and self-interest? What is happiness? What is the relation between a happy life and a meaningful life? Are there objective answers to ethical questions, or are whatever answers we give no more than the expressions of our subjective attitudes? If ethical propositions can be true or false, what makes them true or false? These are some of the questions this course seeks to address. We proceed by reading seminal texts in the Western moral philosophical tradition alongside writings by contemporary moral philosophers. Mr. Seidman.
- 238b. Social and Political Philosophy** (1)
A philosophical examination of justice, legitimate government, authority and power, political liberty, civic equality, individual rights, and the merits and limitations of democracy. Instructor to be announced.
- 240b. Philosophy of Art and Aesthetics** (1)
Classical and modern theories of the nature of art, the experience of art, the creative process, and critical argument. Ms. Borradori.
- 250a. Feminist Theory** (1)
Examination of the theoretical sources and commitments of different feminist perspectives (including liberal, socialist, radical, psychoanalytic, and postmodern) and their bearing on such topics as the body, mothering, sexuality, racism, relations among First- and Third-World women. Ms. Narayan.
Prerequisite: 1 unit of philosophy or Women's Studies 130.
- 260a. Philosophy and the Arts: Censorship in the Arts** (1)
Acts of censorship—political, religious, social—base themselves upon certain truth claims and are reactions to rival truth claims made by the arts. This course examines the role that censorship and truth play in the arts, with cases drawn chiefly from twentieth century literature, painting, and photography. Mr. Murray.
- 270b. Queer Theory: Choreographics of Sex and Gender** (1)
This course examines contemporary theoretical work on the meaning of gender and sexuality with special reference to gay and lesbian studies. We consider questions such as the identity and multiplication of gender and sexes, forms of erotic desire, the performativity of gender norms, styles of life, marriage, and their relationship to medical, psychiatric, legal and criminological discourses. Mr. Murray.
- [280a or b. Special Topics in Philosophy]** (1)
Special topics in philosophy, e.g. philosophy and psychoanalysis, Aristotle's *Nicomachean Ethics*, philosophy of history, etc.
Not offered in 2006/07.
- 290a or b. Field Work** (½ or 1)
The department.

296a or b. Translation of Philosophical Texts (½ or 1)
 Translation of a chosen philosophical text under the supervision of a member of the department. The department.
 Prerequisite: two years or equivalent in the language.

298a or b. Independent Work (½ or 1)
 The department.

III. Advanced

Prerequisite for all 300-level courses unless otherwise specified: 1 unit of philosophy at the 200-level or permission of the instructor.

300a-301b. Senior Thesis (½)
 The development of an extended philosophical essay in consultation with a faculty adviser.

302. Senior Thesis (1)
 By special permission only.
 This one semester course may be substituted for 300a-301b only by special permission.

310a. Seminar in Analytic Philosophy: Philosophical Analysis (1)
 An examination of some central issues or topics within analytic philosophy. Instructor to be announced.

310b. Seminar in Analytic Philosophy: Philosophical Analysis (1)
 A consideration of the possibility of perceiving reasons—in science, in logic, in morality, and in art. The nature of perception and the nature of reasons will be explored in depth. Ms. Church.

320a. Seminar in the History of Philosophy: Kant (1)
 A careful reading of major Kantian texts: *The Critique of Pure Reason*, *The Critique of Practical Reason*, and *The Critique of Judgment*. Recent adaptations of Kantian thought are also considered. Ms. Church.

320b. Seminar in the History of Philosophy: Plato (1)
 An intensive reading of selected Platonic texts with special attention to the provocative function of dialogue form. Topics explored include friendship and eros; participation, forms, and the Good; the interplay of unity, limit, and continuum in the various orders of soul, community, and cosmos. Mr. Miller.

330a. Seminar in Ethics and Theory of Value: Capitalism, Globalization, Economic Justice and Human Rights (1)
 This seminar focuses on a number of connected questions about capitalism and economic justice. Some possible questions addressed are: what are the distinctive features of capitalism as an economic system, and what concerns of economic justice do these features raise?; has capitalism been a “global system” from the start, and in what ways is its contemporary form “more global?”; what, if anything, is problematic about contemporary economic globalization, what roles can and should nation-states play in regulating an increasingly “international” global economy, and do nation-states have obligations of economic justice to those who are non-citizens within their borders, or inhabitants of other nation-states?; what roles should non-state institutions, such as the World Bank, NGOs, and international human rights regimes play in ensuring congruence between development and economic justice? We read a large number of philosophers from the nineteenth century to the present who have grappled with the nature of capitalism and economic justice, such as Adam Smith, Karl Marx, John Rawls, Antonio Negri, Peter Singer, and Thomas Pogge. We also read work by

historians, economists, and scholars who write about international law and economic human rights.

330b. Seminar in Ethics: Practical Reasons and Practical Reasoning (1)

Hume argued that we can reason about what means will conduce to our ends but that we cannot reason about what our ends ought to be. This Humean view has attained the status of orthodoxy in economics and the social sciences, and near-orthodoxy within philosophy. In this seminar, we explore philosophical attempts to overcome this orthodoxy and to make sense of the idea that we can reason about ends. Mr. Seidman.

340b. Seminar in Continental Philosophy: Deconstruction and Critical Theory in a Time of Terror (1)

This seminar examines the contributions of Deconstruction and Critical Theory to the understanding of September 11 and our present geo-political situation. We will focus on terror as a state of mind, on the question of whether “global terrorism” is a meaningful expression, and on the threat that the use of such an expression may pose to the workings of liberal democracy. We will discuss the key interventions of Derrida and Habermas on terrorism, as formulated in the dialogues conducted by Ms. Borradori in *Philosophy in a Time of Terror*, and on the ways in which the approaches of Deconstruction and Critical Theory conflict and complement one another. These will be supplemented by further selections from Derrida’s and Habermas’ social and political writings, as well as by writings of other thinkers on global justice, religious fundamentalism, and theory of war. Ms. Borradori, Mr. Murray.

350a. Seminar in Chinese Philosophy: Comparative Methodology (1)
(Same as Chinese and Japanese 350) Mr. Van Norden.

396b. Philosophic Discussion (½)

Discussion of selected essays on a variety of philosophical issues. Mr. Winblad.

399a or b. Senior Independent Work. (½ or 1)

The department.

Physical Education

Professors: Sharon Beverly (and Director of Athletics and Physical Education) Kathy Ann Campbell, Roman B. Czula, Andrew M. Jennings; **Associate Professors:** Judy Finerghy, Lisl Prater-Lee; **Assistant Professors:** Jane Parker, Jonathan E. Penn^{ab}; **Lecturers:** Anthony Brown, Stephen Buonfiglio, Michael Dutton, Bruce Gillman, Ki Kroll, Jonathan D. Martin, James A. McCowan, Joseph E. Proud.

I. Introductory

105b. Running for Fitness and Road Racing (½)

This course teaches students healthy habits of running and prepares them for basic recreational running and racing. Fundamental training theory, technique, exercise physiology, injury prevention, running shoe fitting, and nutrition are taught. The course culminates in a 3-mile fun-run race, and opportunities for further road racing are provided. No prior running experience is required. Mr. McCowan.

110a. Introduction to Athletic Injury Care (1)

This lecture and laboratory course exposes students to the techniques necessary both to prevent and also to recognize, treat, and rehabilitate common sports injuries. Anatomy and function of joints, spine, groin, and head and face injuries are studied. Laboratory and hands-on involvement in the field are required. Ms. Finerghy.

111a and b. Weight Training (½)

This course is designed to provide the student with a thorough understanding of strength training and how to develop a lifting program. Students actively participate in the fitness room performing a weight training program based on their individual weight training goals.

115a or b. Triathlon Training (½)

An introduction to the disciplines of swimming, cycling and running in a comprehensive training program which prepares class members to compete in triathlons. Primary topics include strategies for training and designing training programs. Students must have experience in each discipline. Ms. Prater-Lee.

Prerequisite: permission of the instructor.

120a or b. Hiking and Backpacking (½)

This course is designed to expose the novice hiker/backpacker to the equipment and techniques that are needed for the trail. It culminates in an extended trail experience. Mr. McCowan.

125a and b. Beginning Golf I (½)

The course is intended to introduce the students to a basic playing knowledge of the game. It begins the development of the swing and adapts it to selected clubs. Emphasis is on swing practice and range hitting with limited opportunity for playing the course.

126a and b. Beginning Golf II (½)

Continues the development of the basic stroke with selected clubs. More opportunity for playing the course emphasis continues to be on swing development and club control.

130a or b. Beginning Badminton (½)

Introduction to the basic overhead and underhand strokes and their use in game situations. Singles and doubles strategy and rules of the game. Designed for the student with no previous instruction in badminton.

^{ab} Absent on leave for the year.

132a. Introduction to Racket Sports (½)

This course introduces students to the basic strokes, tactics and rules of tennis, badminton, table tennis, and squash. Designed for students with very little or no prior experience in these sports.

135a. Flag Football (½)

The course is intended to introduce students to the basic concepts, rules, skill, and offensive and defensive strategies of flag football. Skills and strategies are developed and utilized in scrimmage situations.

[140a. Beginning Basketball] (½)

This course develops individual skills (ball handling, shooting, passing, rebounding, and defense) as well as offensive and defensive strategies. Ms. Finerghy.

Not offered in 2006/07.

142a and b. Fencing Fundamentals (½)

This course is designed to give students an understanding of the three basic weapons (foil, epee, sabre). Body stance and positions, footwork, bladework, basic fencing strategy and tactics, history of the sport and progression from controlled bouting to open fencing is taught. Equipment is provided. Mr. Gillman.

145a. Volleyball Fundamentals (½)

This course develops individual skills (passing, setting, spiking, and blocking) as well as offensive and defensive strategies.

150a or b. Beginning Swimming I (½)

The course is intended to develop a physical and mental adjustment to the water in students who have a fear of the water or little or no formal instruction. The course includes the practice of elementary skills applying principles of buoyancy, propulsion, and safety.

151a or b. Beginning Swimming II (½)

The course is designed for students who have the ability to float on front and back and who are comfortable in the water but have limited technical knowledge of strokes.

190a and b. Fundamentals of Conditioning (½)

A course designed to give the student an understanding of fitness, its development and maintenance. Included are units on cardiovascular efficiency, muscle strength, endurance, flexibility, weight control, weight training, and relaxation techniques.

191a and b. Beginning Squash I (½)

An introduction to the basic shots of the game and their use. Introduces the rules and provides basic game situations. Assumes no previous experience or instruction in squash. Ms. Parker.

192a and b. Beginning Squash II (½)

Further development of the basic shots and strategies of the game. Ms. Parker.

193a and b. Beginning Tennis (½)

Introduction of the three basic strokes: forehand, backhand, and serve; rules of the game.

197a or b. Low Intermediate Tennis (½)

Continued work on basic strokes and tactics. Ms. Campbell.

II. Intermediate

210b. Nutrition and Exercise (1)

To provide students with an understanding of the elements that lead to a healthy lifestyle. Nutrition and exercise as a means of disease prevention is discussed. Students learn about the benefits of exercise and how to develop an exercise plan. The digestion, absorption and biochemical breakdown of food is analyzed. Students learn how to read food labels, to create a dietary plan based upon metabolic measures, and to evaluate the quality of current research in the field. Ms. Finerghy.

225b. Intermediate Golf I (½)

Expectation is that there is some technique with woods and irons and experience playing on a course. The student is put through a thorough analysis of basic swings and develops consistency and accuracy with all clubs. The student is expected to master history, rules of the game, etiquette, and all aspects of tournament play.

226b. Intermediate Golf II (½)

A continuing development and refinement of all aspects of the game.

230b. Intermediate Badminton (½)

Review and further development of basic strokes and tactics. Instruction in advanced strokes and strategy for singles, doubles, and mixed doubles. Designed for the student with previous badminton experience. Ms. Campbell.

[241a or b. Intermediate Basketball] (½)

Students are expected to master higher level individual skills of ball handling, shooting, passing, rebounding, and defense, making it possible to learn more complex team offensive and defensive theories and strategies, and to utilize these skills in game situations.

Prerequisite: permission of instructor.

Not offered in 2006/07.

245b. Intermediate Volleyball (½)

Students are expected to master higher levels of setting, spiking, serving, blocking, as well as more complex offensive and defensive strategies.

250a or b. Intermediate Swimming I (½)

Development of propulsive skill primarily through the use of basic stroke patterns: front and back crawls, side and breast strokes. Ms. Prater-Lee.

251a or b. Intermediate Swimming II (½)

Further development of strokes and skin diving techniques. Ms. Prater-Lee.

[255. Psychology of Sport] (1)

(Same as Psychology 255)

Not offered in 2006/07.

270b. Intermediate Squash I (1)

More advanced strokes such as three-wall, rear wall and drop shots are emphasized as is the development of game strategies. Ms. Parker.

271b. Intermediate Squash II (1)

Review and further development of advanced strokes and strategies. Ms. Parker.

272a and b. Intermediate Tennis I (½)

This class is for the intermediate player who wants to improve and build upon basic technique. The course is designed to continue work on groundstrokes, volleys and serves, as well as develops more specialty shots and strategies. These include topspin,

slice, approach shots, overheads and lobs, spin serves, and service returns and singles and doubles strategy. Ms. Campbell

273a and b. Intermediate Tennis II (½)

Further development of stroke technique, specialty shots and strategies. Ms. Campbell.

298. Independent Work (½ or 1)

Permission granted by the chair of the department for the study of a topic in depth.

III. Advanced

378b. Advanced Swimming and Aquatic Conditioning (½)

This course teaches new, advanced swimming skills and refines previously learned swimming strokes and skills. The course introduces water fitness techniques and training through the activities of water running, water polo and competitive swimming and conditioning. Ms. Prater-Lee.

Prerequisites: satisfactory completion of the Intermediate course, the Red Cross Level V course, or the ability to perform the equivalent swimming skills.

[379a or b. Lifeguard Training] (½)

Fulfills the requirements for the Red Cross lifeguard training course. Provides additional instruction in stroke technique. Ms. Prater-Lee.

Prerequisites: proficiency in crawl, sidestroke, and breaststroke; ability to swim 500 yds. continuously. Permission of instructor.

Note: Additional fee is required to complete the Red Cross certification and to receive academic credit.

Not offered in 2006/07.

390b. Water Safety Instructor's Course (1)

Fulfills the requirements for the Red Cross instructor rating. Includes skill development, stroke analysis, learning progressions, class organization, and practice teaching. Prepares the student to teach basic and emergency water safety, infant and preschool aquatics, all levels of swimming. Ms. Prater-Lee.

Prerequisites: Advanced skill in swimming, Red Cross Lifeguard Training certification or Emergency Water Safety certification. Permission of the instructor.

Note: Additional fee is required to complete the Red Cross certification and to receive academic credit.

393a or b. Advanced Tennis (½)

Emphasis on advanced strokes, analysis of errors, tactics for singles and doubles.

Prerequisites: good ground strokes, serve, and volley.

Extracurricular: See General Information, page 18, 23.

Physics and Astronomy

Professors: Frederick R. Chromey, Debra M. Elmegreen, Cindy Schwarz (Chair), Morton A. Tavel; **Associate Professor:** James Lombardi; **Assistant Professor:** Brian Daly; **Lecturer:** James F. Challey; **Lecturer and Coordinator of Laboratory Instruction:** Daniel Lawrence.

Astronomy

Requirements for Concentration: 10 units, including 5 units of astronomy, 3 units of physics including Physics 200 and 2 additional units of intermediate or advanced work in either astronomy, physics, geology, computer science, or chemistry to be selected with the approval of the adviser. Only one introductory level astronomy course may count toward the major.

Senior-Year Requirement: Astronomy 320 or 340.

Prospective majors should consult the department as soon as possible. Normally such students should elect physics and mathematics as freshmen. After the declaration of an astronomy major, no required courses may be elected NRO.

Recommendations: Additional work in mathematics, physics, and computer science. In particular, students planning on graduate work in astronomy should complete Physics 310, 320 and 341.

Advisers: Mr. Chromey, Ms. Elmegreen.

Correlate Sequence in Astronomy: Students majoring in other departments or programs may elect a correlate sequence in Astronomy. The requirements for the correlate sequence consist of Physics 113, 114 plus four units in astronomy, two of which must be chosen from the observational sequence (Astronomy 240-340) or the astrophysics sequence (Astronomy 220-320). No more than one of the remaining two units may be chosen from the introductory courses (Astronomy 101, 105, 150), and the other one (or two) may be chosen from Astronomy 212, 220, 230, or 240. Note that additional physics courses (Physics 200, 210, and 240) are highly recommended for those selecting the astrophysics sequence. The NRO option may be used for at most one course to be included in the astronomy correlate sequence.

I. Introductory

Astronomy 101 and 105 are designed for students who do not plan to major in the sciences and who have little or no science background. They are also recommended for prospective majors. All 100-level courses satisfy the Quantitative Analysis requirements.

101a. Solar System Astronomy (1)

A study of the solar system as seen from earth and space: planets, satellites, comets, meteors, and the interplanetary medium; astronautics and space exploration; life on other planets; planets around other stars; planetary system cosmogony. Mr. Chromey.

Open to all classes.

105b. Stars, Galaxies, and Cosmology (1)

This course is designed to acquaint the student with our present understanding of the universe. The course discusses the formation, structure, and evolution of gas clouds, stars, and galaxies, and then places them in the larger content of clusters and super-clusters of galaxies. The Big Bang, GUTS, inflation, the early stages of the universe's expansion, and its ultimate fate are explored. Ms. Elmegreen.

Open to all classes.

150a. Life in the Universe (1)

An introduction to the possibility of life beyond Earth is presented from an astronomical point of view. The course reviews stellar and planetary formation and evolution, star properties and planetary atmospheres necessary for a habitable world, possibilities for

other life in our Solar system, detection of extrasolar planets, the SETI project, and the Drake equation. Ms. Elmegreen.

Prerequisite: High school physics and calculus.

Freshman course.

II. Intermediate

212b. Galaxies and Galactic Structure (1)

The distribution and properties of star clusters; contents, structure and evolution of the Milky Way. Observations and theories of normal and active galaxies. Interacting galaxies, galaxy clusters. Ms. Elmegreen.

Prerequisites: Physics 114 or by permission of instructor; Astronomy 105 or 220 recommended.

220a. Stellar Astrophysics (1)

The physical theory of stellar interiors, atmospheres, and energy sources. Stellar evolution. Spectral sequence and its origin. Supernovae, white dwarfs, neutron stars, and black holes. Ms. Elmegreen.

Prerequisites: Physics 114 or by permission of instructor.

230a. Planetary and Space Science (1)

Atmospheres, surface features, and interiors of the planets. Interaction of the sun with the other members of the solar system. Planetary formation and evolution. Life on other planets. Space exploration. Mr. Chromey.

Prerequisite: Physics 114 or by permission of instructor.

[240a. Observational Astronomy] (1)

This course introduces the student to a variety of techniques used in the detection and analysis of electromagnetic radiation from astronomical sources. All areas of the electromagnetic spectrum are discussed, with special emphasis on solid-state arrays as used in optical and infrared astronomy. Topics include measurement uncertainty, signal-to-noise estimates, the use of astronomical data bases, telescope design and operation, detector design and operation, practical photometry and spectroscopy and data reduction. Students are required to perform a number of nighttime observations at the college observatory. Mr. Chromey.

Prerequisites: Physics 113 or 114, or by permission of instructor.

Not offered in 2006/07.

290a or b. Field Work (½ or 1)

298a or b. Independent Work (½ or 1)

III. Advanced

300a or b. Senior Thesis (½ or 1)

301-302. Senior Thesis (½ or 1)

320a. Astrophysics of the Interstellar Medium (1)

A study of the observations and theory related to interstellar matter, including masers, protostars, dust, atomic, molecular and ionized gas clouds. Radiative transfer, collapse and expansion processes, shocks and spiral density waves will be discussed. Ms. Elmegreen.

Prerequisites: One 200-level physics or one 200-level astronomy; Junior or Senior status; or by permission of instructor.

340a. Advanced Observational Astronomy (½ or 1)

This course applies in depth the methods introduced in Astronomy 240. Students are expected to pursue individual observational projects in collaboration with the instructor. The amount of time spent in the observatory and how it is scheduled will

depend on the nature of the project, although $\frac{1}{2}$ unit projects will require half the total time of full unit projects. Mr. Chromey.

Prerequisite: Astronomy 240. Permission of instructor required.

399a or b. Senior Independent Work

($\frac{1}{2}$ or 1)

Physics

Requirements for the major: 9 units above the introductory level, including the six core courses 200, 201, 210, 240, 245 and 320 and 3 additional units in Physics or Astronomy (above the 100 level), at least 2 of which must be at the 300 level. In addition to those nine units, students must complete Mathematics 221, 222. Additional recommended Mathematics courses: Mathematics 228, 241, and 263. Physics 200, 201 and 210 should be taken prior to the beginning of the junior year. Physics 240 and 320 should be taken prior to the beginning of the senior year.

After the declaration of a physics major, no required courses may be elected NRO. Prospective majors should consult the department as soon as possible and are strongly advised to elect physics and mathematics as freshmen. Those majors planning on graduate work in physics are strongly advised to complete Physics 310 and Physics 341 and are encouraged to consult with the department concerning other courses in the natural sciences which may supplement the physics major.

Special Situations

Those planning graduate school in physics should take 310 and 340 and work closely with an advisor in the department. Those planning certification for high school physics teaching must have one of their 300-level units as a thesis or independent project (Physics 300 or 301) and ½ unit each of lab development (Physics 298) and lab apprenticeship (Physics 298). Additional courses in Education and Psychology are required for certification. Consult Ms. Schwarz.

Advisers: Mr. Challey, Mr. Daly, Mr. Lombardi, Ms. Schwarz, Mr. Tavel.

Correlate Sequence in Physics: Students majoring in other programs may elect a correlate sequence in physics. The requirements for the correlate sequence consist of 4 units of physics above the introductory level (Physics 113/114 or equivalent), 2 of which must be chosen from the following pairs of courses: Physics 210-310, 210-320, or 240-341, Astronomy 212-320, Astronomy 220-320. The two remaining units must be at the 200- or 300-level in physics. (Note that Physics 200 and 210 are prerequisites for Physics 320.) A working knowledge of calculus is required for Physics 113/114 and for all courses above the 100-level. The NRO option may be used for at most one course to be included in the physics correlate sequence.

I. Introductory

100b. Physics in Motion

(1)

Motion is much of what physics is about and motion can be seen all around us. Recent technological advances in digital video and computers allow many motions to be filmed, analyzed and studied. We begin by filming a variety of objects in motion and uncover the physics inside. In the second half of the semester groups focus on topics (of their choice) of interest to K-12 students. Each group produces a DVD, incorporating video, text, and other media into the project to help explain the physics behind the scenes. The DVD project is presented in local K-12 schools as a final exercise. Ms. Schwarz.

Not open to students who have taken Physics 113.

113a. Fundamentals of Physics I

(1)

An introduction to the basic concepts of physics with emphasis on mechanics, wave motion, and thermodynamics. A working knowledge of calculus is required. Recommended for potential majors in physics and other physical sciences. The department.

Corequisite: Calculus.

Three 50-minute periods; one 3-hour laboratory.

114a and b. Fundamentals of Physics II

(1)

Fundamentals of electricity, magnetism, and optics, with an introduction to atomic, nuclear, and particle physics. A working knowledge of calculus is required. Recommended for potential majors in physics and other physical sciences. The Department.

The course is taught both semesters. 114a. (freshmen only)

Corequisite: Calculus

Three 50-minute periods; one 3-hour laboratory.

165b. Relativity (½)

An introduction to the concepts of special relativity. Discussion of paradoxes, time dilation, black holes, etc. This course followed by Cosmology forms a sequence to give the student an understanding of modern cosmological ideas. Mr. Tavel.

No prerequisite. May not count towards a physics concentration.

[168b. A Tour of the Subatomic Zoo] (½)

This course is designed for nonphysics majors who want to know more about the constituents of matter including quarks, gluons, and neutrinos. The particle discoveries and the implications of the discoveries are discussed in an historical context. Additional topics discussed: matter vs. antimatter, the wave, and particle nature of light. Ms. Schwarz.

May not count towards a physics concentration.

Not offered in 2006/07.

II. Intermediate

Students electing intermediate and upper-level courses are expected to have a working knowledge of differential and integral calculus.

200a. Modern Physics (1)

An introduction to the two subjects at the core of contemporary physics: Einstein's theory of special relativity, and quantum mechanics. Topics include paradoxes in special relativity; the Lorentz transformation; four-vectors and invariants; relativistic dynamics; the wave-particle duality; the Heisenberg uncertainty principle, and simple cases of the Schrodinger wave equation. Mr. Tavel.

Prerequisites: Physics 114, Mathematics 125 or Mathematics 121/122, or permission of instructor.

201b. Modern Physics Lab (1)

An introduction to the tools and techniques of modern experimental physics. Students replicate classic historical experiments (e.g., photoelectric effect, Michelson interferometer, muon lifetime). Emphasis is placed on the use of computers for capturing and analyzing data, and on effective oral and written presentation of experimental results. Mr. Daly.

Prerequisites: Physics 114, Mathematics 125 or Mathematics 121/122.

Corequisite: Physics 200.

210b. Classical Mechanics (1)

A study of the motion of objects using Newtonian theory. Topics include oscillator systems, central forces, noninertial systems, and rigid bodies. An introduction to the Lagrangian formulation. Mr. Lombardi.

Corequisite: One 200-level mathematics course or permission of instructor.

Prerequisite: Physics 113.

240a. Electromagnetism I (1)

A study of electromagnetic forces and fields. Topics include electrostatics of conductors and dielectrics, electric currents, magnetic fields, and the classical theories and phenomena that led to Maxwell's formulation of electromagnetism. Mr. Challey.

Prerequisite: Physics 114, Mathematics 222.

Recommended: Mathematics 228.

245b. Introduction to Statistical Mechanics and Thermodynamics (1)

Probability distributions, statistical ensembles, thermodynamic laws, statistical calculations of thermodynamic quantities, absolute temperature, heat, entropy, equations of state, kinetic theory of dilute gases, phase equilibrium, quantum statistics of ideal gases. Mr. Tavel.

Prerequisites: Physics 200 and one 200-level mathematics course.

298a or b. Independent Work (½ or 1)**270b. Computational Methods in the Sciences** (½)

(Same as Chemistry 270b) This course introduces students to computational techniques which are helpful in the physical sciences. No previous experience with computer programming is required. Topics include sorting algorithms, numerical integration, differential equations, series, linear algebra, root findings and the basics of fortran programming. Mr. Opazo-Castillo.

One 75-minute period.

Prerequisites: Mathematics 125 or Mathematics 121/122, or permission of instructor.

280b. Optics, Acoustics, and Solid State Physics (1)

A study of optical, electronic, and vibrational waves in solids. Topics include crystal lattices, semiconductors, the interaction of light with matter, lasers, sound and heat. Recent advances in solid-state and nanometer-scale physics are incorporated into the course material. Mr. Daly.

III. Advanced**300a, 301b. Independent Project or Thesis** (½ or 1)**310a. Advanced Mechanics** (1)

A study of the dynamics of simple and complex mechanical systems using the variational methods of Lagrange and Hamilton. Topics include the variational calculus, the Euler-Lagrange equations, Hamilton's equations, canonical transformations, and the Hamilton-Jacobi equation. Mr. Lombardi.

Prerequisite: Physics 210, Mathematics 221, 222.

Recommended: Mathematics 228.

320a. Quantum Mechanics I (1)

An introduction to the formalism of nonrelativistic quantum mechanics and its physical interpretation, with emphasis on solutions of the Schrodinger wave equation. Topics covered include the operator formalism, uncertainty relations, one-dimensional potentials, bound states, tunneling, central field problems in three dimensions, the hydrogen atom, the harmonic oscillator, and quantum statistics. Ms. Schwarz.

Prerequisites: Physics 200, 210, Mathematics 221.

Recommended: Mathematics 222, or 228.

341b. Electromagnetism II (1)

A study of the electromagnetic field. Starting with Maxwell's equations, topics covered include the propagation of waves, waveguides, the radiation field, retarded potentials, and the relativistic formulation of electromagnetic theory. Mr. Lombardi.

Prerequisites: Physics 240, Mathematics 228 or by permission.

375b. Advanced Topics in Physics (1)

Course topics vary from year to year. Topics include High Energy physics, atomic and nuclear physics, solid state physics, chaos, and advanced computational physics. May be taken more than once for different topics. Prerequisites vary depending on topic. Consult with instructor. Only open to juniors and seniors or special permission. The department.

Prerequisite: Permission of instructor.

399a or b. Senior Independent Work (½ or 1)

Political Science

Professors: Richard Born^a, Leah Haus (Chair), Sidney Plotkin, Stephen R. Rock^b, Mary L. Shanley^b, Peter G. Stillman, Adelaide H. Villmoare; **Associate Professors:** Andrew Davison, Luke Charles Harris, Katherine Hite^b, Timothy Longman; **Assistant Professors:** Himadeep Muppidi, Fubing Su^a; **Adjunct Professors:** Richard Reitano*, Wilfrid Rumble*.

Requirements for Concentration: 10 units, including 1 unit at the 100-level in Political Science; 1 unit at the 100- or 200-level in each of the four major fields of political science, i.e., American Politics, Comparative Politics, International Politics, Political Theory; 2 units of graded 300-level work including one 300-level seminar (i.e. a course with a number in the 340s, 350s, 360s, or 370s). Students are required to take 1 unit at the 100-level in political science, and are allowed to count up to 2 units at the 100-level in political science toward the major. No more than 1 unit of field work may be counted toward the major. After declaring a major, no course in political science may be elected NRO.

Transfer students and students taking academic leaves of absence: A minimum of 6 graded units in the political science major must be taken at Vassar.

Senior-Year Requirement: One 300-level seminar (i.e. a course with a number in the 340s, 350s, 360s, or 370s)

Recommendation: Political Analysis (207) is highly recommended to all majors because it deals specifically with a basic methodology of political science.

Sequence of Courses: The department recommends that students take Modern Political Thought (270) before electing subsequent 200- and 300-level political theory courses. There is no requirement to specialize in one of the four fields, although specialization is permitted.

Advisers: The department.

Correlate Sequences in Political Science: Four correlate sequences are available in political science: one each in American Politics, Comparative Politics, International Politics, and Political Theory. 6 political science units are required to complete each sequence. With the approval of the sequence adviser, up to 2 units of political science credit transferred from outside Vassar may count toward the completion of the sequence. With the approval of the sequence adviser, a maximum of 1 unit of fieldwork may count toward completion of the sequence. Up to 1 unit of work elected NRO, taken before declaring a correlate sequence, may count toward completion of the sequence. After declaring a correlate sequence, no course elected NRO may count toward completion of the sequence.

Correlate Sequence in American Politics: Political Science 140; three courses at the 200-level in the subfield of American politics; one additional related 200-level course (to be determined by the correlate sequence adviser and the student); and a 300-level graded course in the subfield of American politics. Sequence Advisers: Mr. Born, Mr. Harris, Mr. Plotkin, Ms. Villmoare.

Correlate Sequence in Comparative Politics: Political Science 150; three courses at the 200-level in the subfield of comparative politics; one additional related 200-level course (to be determined by the correlate sequence adviser and the student); and a 300-level graded course in the subfield of comparative politics. Sequence Advisers: Ms. Hite, Mr. Longman, Mr. Su.

Correlate Sequence in International Politics: Political Science 160; three courses at the 200-level in the subfield of international politics; one additional related 200-level course (to be determined by the correlate sequence adviser and the student); and a 300-level graded course in the subfield of international politics. Sequence Advisers: Ms. Haus, Mr. Muppidi, Mr. Rock.

Correlate Sequence in Political Theory: Political Science 170; three courses at the 200-level in the subfield of political theory; one additional related 200-level course (to be determined by the correlate sequence adviser and the student); and a 300-level graded course in the subfield of political theory. Sequence Advisers: Mr. Davison, Ms. Shanley, Mr. Stillman.

^a Absent on leave, first semester.

^b Absent on leave, second semester.

* Part time.

I. Introductory

The courses listed below are introductions to the discipline of political science and the four major fields of political science: American Politics, Comparative Politics, International Politics, and Political Theory. One introductory course is required of majors. No more than two introductory courses may be counted towards the major. Enrollment of juniors and seniors for 100-level courses by permission of the instructor only.

140a or b. American Politics (1)

An analysis of the American political system and the structures and processes by which public policies are formulated and implemented. Attention is focused upon decision making in institutions of American national government, such as Congress, the Presidency, and the Supreme Court, and upon political behavior—public opinion, voting, and other forms of political activity. Attention is also given to evaluation of selected public policies and contemporary issues, and questions of political change. Mr. Born.

140a or b. American Politics: A Multiracial and Multicultural Approach to U.S. Politics (1)

This course represents a multiracial and multicultural approach to the study of American Politics. It examines American social history, political ideologies, and governmental institutions. It covers a broad range of topics including the Constitution, federalism, Congress, the judiciary, and the politics of difference in the United States. The thematic core of the class engages the evolution of the ideas of “equality” and “citizenship” in American society. Mr. Harris.

140a or b. American Politics: Conflict and Power (1)

An analysis of US politics as an example of the uses of conflict to uphold and/or to change established relationships of power and public policy. A main focus is on alternative theories and strategies of conflict, especially as reflected in such institutions as the constitution, court, party system, interest groups, the media, and presidency. A major focus is on the conflict implications of business as a system of power, its relation to the warfare state and the US international project. Materials may be drawn from comparisons with other political systems. Mr. Plotkin.

140 a or b. American Politics: Democracy and Citizenship (1)

This course examines tensions and conflicts surrounding contemporary US democracy within the context of a global, post 9/11 world. Issues of citizenship and immigration, liberty, security, class, race, ethnicity, and gender inform a consideration of federal government institutions and processes. Specific topics vary according to changing political events and circumstances. Ms. Villmoare.

150a or b. Comparative Politics (1)

An examination of political systems across the world chosen to illustrate different types of political regimes, states, and societies. The political system is seen to include formal institutions of government, such as parliaments and bureaucracies; political parties and other forms of group life; those aspects of the history and social and economic structure of a society that are relevant to politics; and political beliefs, values, and ideologies. Special attention is given to the question of political change and development, whether through revolutionary or constitutional process. Instructor to be announced.

150a or b. Comparative Politics: Analyzing Politics in the World (1)

This course introduces how comparativists analyze politics within states in the world. Topics include state formation, democracy and dictatorship, political economy, social movements, revolution, ethnicity, and political culture. The course draws from both theoretical work and country and regional case studies that may include the US, Chile, China, India, Cuba, Great Britain, Iran, the Middle East, South Africa and East Asia. The course uses cases to analyze and compare basic concepts and patterns of the political process. Students should come away from the course with both an understanding of

the diversity of the world's political systems, as well as an appreciation of the questions and concepts that inform the work of political scientists. Ms. Hite, Mr. Su.

150a or b. Comparative Politics: States and Societies (1)

The study of relations between states and their societies serves as an introduction to the field of comparative politics. Using a case study approach and sources ranging from autobiographies and poetry to traditional political science texts, the course examines domestic political processes in China, Chile, Great Britain, and South Africa. Issues studied include the impacts of history and culture on politics, the balance between coercion and legitimacy, struggles over human rights and democracy, conflicts over racial, religious, gender, and sexual orientation identities, and efforts to obtain economic opportunity and growth and how these involve and affect people in their daily lives. The central concern of the course is how people in various countries both seek to influence and are affected by their political systems. Mr. Longman.

160a or b. International Politics (1)

An examination of major issues in international politics, including national and international security and production and distribution of wealth, along with selected global issues such as human rights, ethnic nationalism and ethnic conflict, migration and refugees, environmental degradation and protection, and the impact of developments in communication and information technologies. Attention is also given to the origins, evolution, and the future of the contemporary international system, as well as to competing theoretical perspectives on world politics. Ms. Haus, Mr. Rock, Mr. Muppidi.

170a or b. Political Theory (1)

An introduction to the nature, types, and problems of political theory. The core of the readings consists of selections from what are considered classic works in the field. The course emphasizes the relevance of these ideas to current political developments and scholarship. Mr. Davison, Ms. Shanley.

170a or b. Political Theory: Central Political Concepts and Practices (1)

An examination of central political concepts and practices with reading from the history of political philosophy and contemporary thinkers. The course treats concepts and practices such as freedom, citizenship, equality, the state, revolution, the Socratic question of how best to lead one's life, conservatism, and anarchism, using readings by thinkers such as Aristotle, Machiavelli, Locke, Mill, Ghandi, Arendt, Foucault, and current authors. Mr. Stillman.

II. Intermediate

Prerequisite: Freshmen may take a 200-level course only with the permission of the instructor, which usually requires satisfactory completion of an introductory course. For sophomores, juniors, and seniors, an introductory course is recommended but not required.

[207. Political Analysis] (1)

A study of the methods for collecting quantitative and qualitative data in political science. In addition to exploring the logic of scientific inquiry and methods of analysis, normative questions are raised concerning the potential biases and limitations of particular modes of inquiry. Research examples emphasize the special problems in cross-cultural validation. Mr. Born.

Not offered in 2006/07.

A. American Politics

234. Media and Politics (1)

This course explores various forms of media, including newspapers and journals, television, film, radio, and the internet as well as politics in the contemporary United States. Among the topics examined are the relationships between media and 1) electoral

politics; 2) governance at the national level; 3) crime and law and order; 4) politics of race, class and gender. Ms. Villmoare.

[238. Power and Public Policy] (1)

An examination of the policy consequences of power in the United States, including the role of the corporation as a policy making institution and the influence of citizens and social movements on public policy. The emphasis is on theories of power, relationships between economic and political power, and the impact of power on ideology and the structuring of policy alternatives, policy making, and policy implementation. Case studies may include policy areas such as health, environment, tobacco, technology, and mass media. Mr. Plotkin.

Not offered in 2006/07.

[240. The American Presidency] (1)

An analysis of the American presidency, with emphasis on recent presidents. Topics include presidential nominations and elections; the nature and use of presidential power; the institutionalized presidency; policy making in the White House; the relationship between presidents and other key political factors, e.g., the Congress, the bureaucracy, the media, and public opinion; and the role of presidential personality and style. Mr. Born.

Not offered in 2006/07.

[241. Congress] (1)

An analysis of the contemporary and evolving U.S. Congress, its organization, functions, and politics. Topics include congressional elections and representation; the internal life and norms of the House and Senate; the structure of power in Congress; interest groups and lobbying; presidential-congressional relations; the congressional response to selected public problems; and political change and the future of Congress. Mr. Born.

Not offered in 2006/07.

242. Law, Justice, and Politics (1)

An analysis of the interrelationships between law and politics in civil and criminal spheres in the United States, focusing on the role of the police, courtroom participants, and prison officials. Special emphasis is given to decision making in criminal law at the local level—e.g., pretrial negotiations, bail, and sentencing. Ms. Villmoare.

243. Constitutional Law (1)

Leading decisions of the Supreme Court interpreting the Constitution of the United States, with special reference to the powers of government and the rights of individuals. Mr. Rumble.

[244. Political Parties and Public Opinion] (1)

An examination of the nature and roles of public opinion and political parties in American politics, with emphasis on democratic means of political participation and influence in contemporary America. Special attention is paid to mass and elite political attitudes and behavior, techniques of public opinion polling, the impact of public opinion on policy making, recent national elections, campaign techniques and strategies, and the changing party system. Mr. Born.

Not offered in 2006/07.

[246. African American Politics] (1)

(Same as Africana Studies 246) This course analyzes the diverse ways in which African Americans have engaged in politics in the United States. After briefly considering challenges facing the African American community, the course looks at approaches to politics including active engagement in the political system, Pan-Africanism and Black nationalism, accommodation and assimilation, class-based struggle, and everyday forms of resistance. The course concludes with a consideration of possible policy alternatives advocated by various African American leaders. Writers to be studied may

include W.E.B. DuBois, Marcus Garvey, Booker T. Washington, Malcolm X, Martin Luther King, Jr., William Julius Wilson, bell hooks, Manning Marable, Robin Kelley, Angela Davis, and Patricia Williams. Mr. Longman.

Not offered in 2006/07.

247. The Politics of Difference (1)

This course relates to the meanings of various group experiences in American politics. It explicitly explores, for example, issues of race, class, gender, disability, and sexual orientation. Among other things, this course addresses the contributions of the Critical Legal Studies Movement, the Feminist Jurisprudence Movement, the Critical Race Movement, and Queer Studies to the legal academy. Mr. Harris.

249. The Politics of City, Suburb, and Neighborhood (1)

An examination of the development, organization, and practice of the varied forms of politics in metropolitan areas. Main themes include struggles between machine and reform politicians in cities; fiscal politics and urban pre-occupations with economic development; racial and class politics in cities; changes in federal urban policies; neighborhood politics and alternative forms of community organization; suburban politics and race/class exclusion. Mr. Plotkin.

B. Comparative Politics

250. African Politics (1)

(Same as Africana Studies 250) This course introduces students to the great diversity of peoples, ideas, cultures, and political practices found on the African continent. The course first investigates the causes of the contemporary social, economic, and political challenges facing African states, then analyzes the ways in which African populations have responded to foreign domination, authoritarian government, unfavorable economic conditions, and social divisions. The course uses case studies of African countries to explore political issues within specific contexts and pays particular attention to international involvement in Africa. Mr. Longman.

251. United states: Turkey and Iraq (1)

An analysis of the historical and contemporary political dynamics shaping politics in Turkey and Iraq. Special attention is given to various axes of domestic conflict, the circumstances of those conflicts and alternative forms of accommodation and struggle that have been adopted. Integral to this project is consideration of ongoing regional and global forces that have influenced both circumstance and possibility within each state. Mr. Davison.

252. The Politics of Modern Social Movements (1)

This course examines continuities and transformations in both the study and practice of modern political and social movements. The course explores why movements emerge, how they develop, and what they accomplish. We study several dimensions of collective action, including their organization, leadership, ideology or programmatic content, and objectives. Our case studies are rich and diverse, spanning actors and geographic regions, yet we consciously draw comparisons across the cases concerning movements' origins, the context of power relations and political positioning within society. We also seek to understand the sometimes powerful, sometimes subtle influences of social movements on the nature of socioeconomic, gender, racial, ethnic, national and transnational relations today. Ms. Hite.

[253. Transitions In Europe] (1)

This course considers transitions in Europe, with a focus on Russia and the European Union. An analysis of such changes as the collapse of authoritarianism and emergence of democracy in the former Soviet Union, the emerging democratic deficit in the European Union, marketization in Russia, and the transition to a single European market in the European Union. Ms. Haus.

Not offered in 2006/07.

[254. Chinese Politics and Economy]**(1)**

(Same as Asian Studies 254) This course offers a historical and thematic survey of Chinese politics, with an emphasis on the patterns and dynamics of political development and reforms since the Communist takeover in 1949. In the historical section, we examine major political events up to the reform era, including China's imperial political system, the collapse of dynasties, civil war, the Communist Party's rise to power, land reform, the Great Leap Forward, the Cultural Revolution, and the launch of reform. The thematic section deals with some general issues of governance, economic reform, democratization, globalization and China's relations with Hong Kong, Taiwan and the United States. This course is designed to help students gain some perspectives to comprehend political issues in contemporary China. Mr. Su.

Not offered in 2006/07.

[257. Legacies of Violence]**(1)**

A comparative analysis of the legacies of political violence for both democratic and democratizing regimes. Legacies expressed through "formal" political institutions (i.e., constitutions, laws, political parties), and through more "informal", or cultural, expressions of authoritarianism (i.e., collective memories, symbolic acts and phenomena, day-to-day social relations) which together influence the scope and depth of democracy in post-authoritarian politics. Case studies include Italy, Germany, Spain, Argentina, Brazil, Chile, the former Yugoslavia, and the Czech Republic. Ms. Hite.

Not offered in 2006/07.

[258. Latin American Politics]**(1)**

An examination of major political issues and challenges facing contemporary Latin America, from ongoing processes of democratization and economic liberalization, to new efforts at regional integration and peace-keeping. The course also explores movements for socially sustainable development and citizenship rights on the part of non-governmental organizations and networks. The course uses country cases from throughout the region, including the Southern Cone, the Andes, Central America, and Mexico. Ms. Hite.

Not offered in 2006/07.

259. Human Rights and Politics**(1)**

(Same as Africana Studies 259) This course examines the growing international influence of human rights principles, documents, and organizations on politics. We study how human rights discourse has emerged as a major factor in modern politics and review the documents that serve as a basis drawn from Africa and the United States to explore issues such as universality versus cultural specificity of human rights discourses, civil and political rights versus cultural versus economic, social, and cultural rights, individual versus group rights, the crime of genocide, efforts to expand human rights law to include rights for children, women, gays, lesbians and others, and the activities of national and international human rights organizations. Mr. Longman.

C. International Politics**[261. Theories of War and Peace]****(1)**

An inquiry into the causes of war and peace among states. Explanations at various levels—human, societal, governmental, international—are considered. The course aims at an understanding of those factors which lead individual states into conflict with one another as well as those which incline the broader international system toward stability or instability. Mr. Rock.

Not offered in 2006/07.

263. Critical International Relations**(1)**

The study of world politics is marked by a rich debate between rationalist and critical approaches. While rationalist approaches typically encompass realist/neo-realist and liberal/neo-liberal theories, critical approaches include social constructivist, historical materialist, post-structural and post-colonial theories of world politics. This course is a

focused examination of some of the more prominent critical theories of international relations. It aims to a) familiarize students with the core concepts and conceptual relations implicit in these theories and b) acquaint them with the ways in which these theories can be applied to generate fresh insights into the traditional concerns (such as war, anarchy, nationalism, sovereignty, global order, economic integration) and security dilemmas of world politics. Mr. Muppidi.

264. The Foreign Policy of the United States (1)

Key factors which shape the formulation and execution of American foreign policy are identified, primarily through a series of case studies drawn from post-World War II experience in world affairs. Normative issues concerning the decision-making process and foreign policy goals and means are also discussed. Mr. Rock.

[265. International Political Economy] (1)

This course analyzes the relationship between politics and economics, and explores change in the global political economy. Subjects considered include the rise and decline of empires; international institutions and their implications for cooperation and conflict; and globalization and its implications for inequality and democracy. Ms. Haus.

Not offered in 2006/07.

[266. Defense Policy and Arms Control] (1)

An examination of American defense and arms control policy since 1945. Particular attention is given to the theory and practice of conventional and nuclear deterrence, and to the analysis of such contemporary issues as proliferation, the role of women and gays in the military, and the problem of economic conversion. Mr. Rock.

Not offered in 2006/07.

[267. East Asian Security] (1)

(Same as Asian Studies 267) This course surveys major security issues, broadly defined as political, military, and economic, in East Asia. Some historical background about this region is introduced, including western and Japanese imperialism, Cold War in East Asia, Korean War, Vietnam War, and Sino-American normalization. Then we examine some contemporary challenges in the region: US-Japan Relations, the Taiwan Strait, the Korean Peninsula, and the rise of China and its implications for the regional stability and the world order. East Asian economic success and recent troubles will also be discussed. Mr. Su.

Not offered in 2006/07.

[268. The Politics of Globalization] (1)

Globalization is increasingly seen as a new and powerful force in world politics, but there is intense debate over what this new force is and what its effects are. This course introduces students to some of the more prominent ways of theorizing globalization and explaining the politics underlying the economic, social and cultural effects it generates. Mr. Muppidi.

Not offered in 2006/07.

269. National Model United Nations (1)

Prepares students to participate in the National Model United Nations in New York City. Students represent a country, research its history, its political, economic and social systems, and its foreign policy. There is also a comprehensive evaluation of the UN system, and the role of states and non-state actors, such as NGOs. Participation in the Model UN simulation occurs in the spring. Mr. Reitano.

Prerequisite: by permission of instructor. Application is required early in the a-term.

One 4-hour period.

D. Political Theory

270. Modern Political Thought (1)

A study of selected modern political theorists, such as Machiavelli, Hobbes, Locke, Rousseau, Marx, Mill, and Arendt. Among the themes stressed are theories of sovereignty, the development and varieties of liberalism and individualism, different theories of community, the relationships between politics and economics, and the relationship between the individual and the state. Mr. Stillman.

[271. Race, Gender, and Class in American Political Thought] (1)

Studies of American political theory, particularly issues surrounding the meanings of democracy, political obligation, and equality. Readings include works about the government of Native American peoples, Spanish and English colonial rule, the U.S. Constitution, the post–Civil War amendments, women’s suffrage and women’s rights, and the political and constitutional challenges posed by a pluralistic or multicultural society. Mr. Stillman, Ms. Shanley.

Not offered in 2006/07.

273. Interpreting Politics (1)

A detailed study of the philosophical underpinnings of various modes of interpreting politics: empiricism/positivism; interpretive/hermeneutic inquiry, critical theory, rational choice theory, realism, and discourse analysis. Aim is to understand the central concepts and goals of each approach, the kinds of explanations they seek to offer, and the views they posit regarding the relationship between politics and theory, on the one hand, and politics and the political analyst, on the other. Mr. Davison.

278. Feminist Theory, Policy Issues, and Law (1)

Explores the relationship between selected topics in feminist theory and public policy issues in the United States. Concepts we examine in feminist theory may include autonomy, liberty, equality, privacy, citizenship, and the ethics of care, and policy issues may include family and workplace policies, marriage law (including same-sex marriage), affirmative action, pornography and sex work, and welfare reform. The emphasis throughout is on diverse theoretical perspectives and their policy implications. Ms. Shanley.

E. Other

290a or b. Field Work (½ or 1)

Individual or group field projects or internships with prior approval of the adviser. Students are expected to do substantial directed reading in theoretical material specifically related to the field placement prior to or in conjunction with the field experience; to develop in consultation with a faculty supervisor a set of questions based on the theoretical reading to guide the field observations; to submit a written report relating the theoretical reading to the field observations or, in lieu of a report and at the option of the department, to take a final oral examination administered by two faculty members. No more than 1 unit of field work (either 290, 291, or a combination of the two) may be counted toward fulfilling the requirements of the minimum major. The department.

298a or b. Independent Work (½ or 1)

Independent work is normally based on a student’s desire to study with an instructor a specialized aspect of a course taken with that instructor. One unit normally entails substantial directed reading and/or the writing of a long paper and biweekly conferences with the instructor. In no case shall independent work satisfy the subfield distribution requirement. The department.

III. Advanced

Prerequisite for all advanced courses and seminars: permission of the instructor and normally a relevant course at a lower level. Enrollments for advanced courses in the

Political Science 310s, in general, are limited to nineteen students. Enrollments for seminars in the 340s, 350s, 360s, and 370s, in general, are limited to twelve students. The content of seminars can vary from year to year depending upon interests of students and instructors. Seminars might focus on topics too specialized to receive exhaustive treatment in lower-level courses; they might explore particular approaches to the discipline or particular methods of research; they might be concerned with especially difficult problems in political life, or be oriented toward a research project of the instructor.

A. Optional Senior Thesis

300. Senior Thesis (1)

A 1-unit thesis, written in the fall semester.

301-302. Senior Thesis (1 or 2)

A 1-unit thesis written in two semesters.

B. Advanced Courses

310. Feminism of Color in the Law (1)

This course examines the legal history of feminisms of color in the United States. It also explores mainstream feminism's transformative impact on the law. The course considers a broad range of issues including reproductive rights, employment discrimination, sexual harassment, -immigrant rights, violence against women, and affirmative action. This class is taught from a multidisciplinary perspective embracing readings from legal scholars, political philosophers, economists, journalists, lay persons, et al. Mr. Harris.

Prerequisite: by permission of instructor.

Two 75-minute periods.

311. Thorstein Veblen and the Politics of Capitalism (1)

Among the critics of American capitalism, Thorstein Veblen produced an original and penetrating study of American society. Veblen's critique focused on capitalism as a business culture whose archaic political habits distort its economic promise. This course surveys Veblen's critique as a guide to the politics of contemporary American capitalism. Themes include connections between money and the price system, consumption, waste, absentee ownership, democracy, militarism, and gender. Veblen's influence on such later critics of the system as C. Wright Mills and Herbert Marcuse are examined, along with trenchant critics of Veblen, such as Theodor Adorno. Mr. Plotkin.

Prerequisite: by permission of instructor.

Two 75-minute periods.

312. Green Utopias (1)

(Same as Environmental Studies 312) Although utopias since More's have been concerned with the human relation to nature, green utopias have flourished in the past half century as environmental concerns have come to the fore. This course examines typical and exemplary green utopias (and dystopias), asking about the value of applying utopian methods to environmental issues and about the environmental insights the utopias (and dystopias) offer. Students may (but need not) write their own green utopia. Mr. Stillman.

Prerequisite: by permission of instructor.

Two 75-minute periods.

C. American Politics Seminars

341. Seminar in Congressional Politics (1)

This seminar focuses on the theme of congresspeople and their constituents—a subject that has become quite popular among congressional scholars. While the theme is broadly construed, most of our attention is focused on congressional elections. Here we study reapportionment and redistricting, campaign finance reform, the too-often

ignored subject of recruitment of congressional candidates, the role of national party organizations in congressional campaigns, the emergence of sophisticated campaign techniques, how the Republicans managed to “nationalize” the 1994 midterms and win their landslide victory, why divided party control of government has been so pervasive in the U.S., and how congresspeople continually cultivate the support of constituents over their entire term of office through casework and project assistance. Mr. Born.

Prerequisite: by permission of instructor.

One 2-hour period.

343. Seminar in Constitutional Theory (1)

This seminar focuses on some core problems pertaining to constitutional interpretation, examining questions of constitutional theory and interpretation as they relate to issues of equality and full citizenship. The course discusses the nature and function of the Constitution, explores theories about how the Constitution should be interpreted, and examines the methods that interpreters use to decipher the meanings of constitutional provisions. These concerns are addressed by focusing on various dimensions of constitutional theories and decisions pertaining to questions related to anti-discrimination law. Some of the issues covered include standards of judicial review, Supreme Court interpretations of equal protection, the constitutional protection of groups as well as individuals, and the appropriateness of constitutional protections rooted in color-blind and gender-blind principles. Mr. Harris.

Prerequisite: by permission of instructor.

One 2-hour period.

[346. Seminar in American Politics] (1)

An examination of selected topics in American politics. Ms. Villmoare.

Prerequisite: by permission of instructor, normally an intermediate-level course in American politics.

One 2-hour period.

Not offered in 2006/07.

348. Seminar in Democracy and Power in America (1)

An examination of tensions and adjustments between democratic ideals and the structures and practices of political and economic power in the United States. Mr. Plotkin.

Prerequisite: by permission of instructor, normally an intermediate-level course in American Politics.

One 2-hour period.

D. Comparative Politics Seminars

352. Seminar on Multiculturalism in Comparative Perspective (1)

(Same as Africana Studies 352) This seminar explores the political significance of cultural diversity. Based on the comparative analysis of the United States and other multicultural states, the course examines how and why racial, ethnic, linguistic, and religious identities become grounds for political action. The course examines the formation of identity groups and considers the origins of prejudice, racism, and discrimination. The course also considers peaceful means that governments can use to accommodate cultural diversity. In addition to the United States, countries studied may include South Africa, Rwanda, India, and Yugoslavia. Mr. Longman.

Prerequisite: by permission of instructor.

One 2-hour period.

355. Seminar on Violence (1)

This seminar explores the many manifestations of political violence. Drawing from cases around the world, we examine: 1) a range of theoretical explanations of violence; 2) how governments and societies address systematic violations of human rights of their pasts; 3) organized insurgency and counterinsurgency response; and 4) extremely high levels of violence as an every day social phenomenon. The seminar attempts

to address the influences, linkages, and implications of past and present violence for these societies; present and future politics and culture. Case studies come from Latin America, Africa, Southeast Asia, and the United States. Ms. Hite.

Prerequisite: by permission of instructor.

One 2-hour period.

358. Comparative Political Economy (1)

This course surveys some classic writings in the study of political economy and examines a variety of choices countries have made in different time periods and in different regions of the world, including Europe, North America, Latin America, Asia, the Middle East, and Africa. The primary objective of the course is to explore how politics and economics have interacted in the real world. By the end of the course students should also have gained familiarity with some analytical tools in the field of political economy. Mr. Su.

E. International Politics Seminars

360. Seminar in International Conflict and Cooperation (1)

An examination of selected topics in international conflict and cooperation. Mr. Rock.

Prerequisite: by permission of instructor.

One 2-hour period.

362. Seminar in International Politics: Migration and Citizenship (1)

An inquiry into the causes and consequences of migration from developing countries (such as China, Mexico, the Dominican Republic and Algeria) to developed countries (e.g., The U.S., France, Britain, and Germany). The seminar first addresses different explanations for why people move across state borders, and considers the role of economic forces, smuggler networks, transnational social networks, and the legacies of colonialism. The seminar then addresses immigrant incorporation and reactions to immigration in developed countries through an analysis of such subjects as immigrant entrepreneurship in New York City, relations between unions and immigrants, citizenship policy in France, Germany and the U.S., and the incorporation of immigrant children of the second generation. Ms. Haus.

Prerequisite: by permission of instructor.

One 2-hour period.

363. Decolonizing International Relations (1)

Colonial frameworks are deeply constitutive of mainstream international relations. Issues of global security, economy, and politics continue to be analyzed through perspectives that either silence or are impervious to the voices and agencies of global majorities. This seminar challenges students to enter into, reconstruct, and critically evaluate the differently imagined worlds of ordinary, subaltern peoples and political groups. We draw upon postcolonial theories to explore alternatives to the historically dominant explanations of international relations. Mr. Muppidi.

Prerequisite: by permission of instructor.

One 2-hour period.

F. Political Theory Seminars

[372. Contested Rights] (1)

This course examines the concept of "rights" as it has developed in Western political thought, and contemporary controversies concerning rights. Ms. Shanley.

Prerequisite: by permission of instructor.

One 2-hour period.

Not offered in 2006/07.

[373. Seminar in Political Philosophy] (1)

A study of a major theorist, school, or problem in political philosophy.

Mr. Stillman.

Prerequisite: by permission of instructor.

Not offered in 2006/07.

[376. Seminar in Feminist Theory in Political Thought] (1)

This seminar studies a major theorist, school, or problem in feminist theory. Ms. Shanley.

Prerequisite: by permission of instructor.

One 2-hour period.

Not offered in 2006/07.

384. Seminar in Political Theory (1)

An examination of selected theorists and problems in contemporary political theory.

Mr. Davison.

Prerequisite: by permission of instructor.

One 2-hour period.

385. Families, Politics, and Law (1)

This course examines emerging perspectives on family forms and state regulation of families that have appeared in response to such developments as same-sex marriage and parenting; multi-racial families created by intermarriage and by transracial and intercountry adoption; increasing numbers of single-parent households; and reproductive technologies that enable people to procreate by using donated eggs and sperm and/or hired gestational service (and in the future, perhaps, by cloning). The course explores these issues from the perspective of theories of social justice that put concerns of race, economic class, and gender at the center of their analysis. Ms. Shanley.

G. Other**399a or b. Senior Independent Work (½ or 1)**

Independent work is normally based on a student's desire to study with an instructor a specialized aspect of a course taken with that instructor. Normally 1 unit entails substantial directed reading, the writing of a long paper, and biweekly conferences with the instructor. This course cannot be used to satisfy the requirement of 2 units of 300-level work in the major. In no case shall independent work satisfy the subfield distribution requirement. The department.

Psychology

Professors: N. Jay Bean, Gwen J. Broude, Carol Christensen (Chair), Randolph Cornelius^{ab}, Janet Gray, Kenneth Livingston; **Associate Professors:** Janet K. Andrews, Jeffrey Cynx^{ab}, Kevin Holloway^b, Jannay Morrow, Carolyn Palmer, Debra Zeifman; **Assistant Professors:** Abigail A. Baird, J. Mark Cleaveland, Tiffany Lightbourn^{ab}, Jennifer Ma, Susan Trumbetta, Michele Tugade^b; **Lecturer:** Julie Riess (Director of the Wimpfheimer Nursery School); **Visiting Assistant Professor:** Nicholas de Leeuw.

Requirements for Concentration: 11 units in Psychology including Psychology 105 or 106, and 200; one unit from at least four of the basic content areas of the discipline; one research methods course to be taken by the end of the junior year; two units at the 300-level, at least one of which must be a seminar. The content areas of the discipline and their associated courses are: social psychology (Psychology 201, 205), cognitive psychology (Cognitive Science 100), learning and comparative psychology (Psychology 221, 223), developmental psychology (Psychology 231) physiological psychology (Psychology 241, 243), personality and individual differences (Psychology 251, 253).

A minimum of 9 graded units is required for the major. For junior transfer students, at least 6 units must be graded. Neuroscience and Behavior 201 and Cognitive Science 311 may be counted towards the major. Upon departmental approval, 1 unit in appropriate courses in other departments may be applied towards the required 11.

NRO: No course other than Psychology 105 or 106 taken NRO may be counted toward the requirements of the psychology major.

Senior-Year Requirement: Two units at the 300-level taken for a letter grade, at least one of which must be a seminar. One unit of Cognitive Science 311 may be counted toward this requirement. No more than one Advanced Special Studies course may be taken to meet this requirement. Psychology 395 and 399, as ungraded courses, cannot be used to satisfy this requirement.

Recommendation: Students planning to concentrate in psychology are encouraged to consult a department adviser as soon as possible to plan appropriate sequences of courses.

Advisers: The department.

1. Introductory

AP credit will not be accepted as a substitute for the introductory level course in Psychology

105a and b. Introduction to Psychology: A Survey (1)

This course is designed to introduce the student to fundamental psychological processes, their nature and development, and contemporary methods for their study through a survey of the major research areas in the field. Areas covered include the biological and evolutionary bases of thought and behavior, motivation and emotion, learning, memory, thinking, personality, and social psychology. Significant work in the course is devoted to developing skills in quantitative analysis. Students are expected to participate in up to a maximum of three hours of psychological research during the semester. Psychology 105 may NOT be taken if Psychology 106 has already been taken. The department.

Open to all classes. Enrollment limited.

106a and b. Introduction to Psychology: Special Topics (1)

This course is designed to introduce the student to the science of psychology by exploration in depth of a specific research area. Regardless of the special topic, all sections include exposure to core concepts in the biological and evolutionary foundations of thought and behavior, learning, cognition, and social processes. Significant work in the course is devoted to developing skills in quantitative analysis. Students are expected to participate in up to a maximum of three hours of psychological research during

^{ab} Absent on leave for the year.

^b Absent on leave, second semester.

the semester. Psychology 106 may NOT be taken if Psychology 105 has already been taken. The department.

Open to all classes. Enrollment limited.

180a. The Science and Fiction of Mind

(1)

(Same as Cognitive Sciences 180) Our understanding of what minds are, and of how they work, has exploded dramatically in the last half century. As in other areas of science, the more we know, the harder it becomes to convey the richness and complexity of that knowledge to non-specialists. This Freshman Course explores two different styles of writing for explaining new findings about the nature of mind to a general audience. The most direct of these styles is journalistic and explanatory, and is well represented by the work of people like Steven Pinker, Bruce Bower, Stephen J. Gould, and Ray Kurzweil. The second style is fictional. At its best science fiction not only entertains, it stretches the reader's mind to a view of implications and possibilities beyond what is currently known. Isaac Asimov, Arthur C. Clarke, Greg Bear, and Richards Powers all provide excellent models of this kind of writing. During the semester we explore two or three areas of new research about how the mind works, and practice the skills of translating that knowledge into both readable description and entertaining narrative. Mr. Livingston.

Open only to freshmen; satisfies college requirement for a Freshman Course.

II. Intermediate

Prerequisite for 200-level courses: Psychology 105 or 106. Students with college transfer credit, should consult with the department chair before registering in 200-level courses. Sophomores, juniors, and seniors may use Psychology 105 or 106 as a corequisite by permission of the instructor.

AP credit is not accepted as a substitute for the Statistics and Experimental Design course in Psychology.

200a and b. Statistics and Experimental Design

(1)

An overview of principles of statistical analysis and research design applicable to psychology and related fields. Topics include descriptive statistics and inferential statistics, concepts of reliability and validity, and basic concepts of sampling and probability theory. Students learn when and how to apply such statistical procedures as chi-square, z-tests, t-tests, pearson product-moment correlations, regression analysis, and analysis of variance. The goal of the course is to develop a basic understanding of research design, data collection and analysis, interpretation of results, and the appropriate use of statistical software for performing complex analyses. Ms. Andrews, Ms. Ma, Ms. Trumbetta.

201a and b. Principles of Social Psychology

(1)

The study of the individual under social influences, including such topics as attitude formation and change, prosocial behavior, aggression, social influence processes, group dynamics, attribution theory, and interpersonal communication processes. Psychology 201 may NOT be taken if Psychology 205 has already been taken. Mr. Cornelius, Ms. Lightbourn, Ms. Ma, Ms. Morrow.

[205b. Topics in Social Psychology]

(1)

This course introduces students to the discipline of social psychology via the in-depth exploration of a specific area of research or important theoretical issues in social psychology. Students examine the social psychological perspective on such topics as aggression, emotion, close relationships, law, intergroup conflict, and altruism. Psychology 205 may NOT be taken if Psychology 201 has already been taken.

Prerequisites: Psychology 105 or 106.

Not offered in 2006/07.

- 209a and b. Research Methods in Social Psychology** (1)
 A survey of research methods in social psychology. Every stage of the research process is considered including hypothesis generation, operationalization of variables, data collection and analysis, and communication of results. Observational, questionnaire, and experimental approaches are considered. The focus is on the development of skills necessary for evaluating, designing, and conducting research. Mr. Cornelius, Ms. Lightbourn, Ms. Ma, Ms. Morrow.
 Prerequisites: Psychology 200 and Psychology 201 or 205. Regular laboratory work. Enrollment Limited
- 211a. Perception and Action** (1)
 (Same as Cognitive Science 211)
 Prerequisite: Cognitive Science 100.
- 213a. Language** (1)
 (Same as Cognitive Science 213)
 Prerequisite: Cognitive Science 100.
- 215b. Knowledge and Cognition** (1)
 (Same as Cognitive Science 215)
 Prerequisite: Cognitive Science 100.
- 219b. Research Methods in Cognitive Science** (1)
 (Same as Cognitive Science 219)
 Prerequisite: Psychology 200, and either Cognitive Science 211, 213, or 215. Regular laboratory work. Enrollment limited.
- 221b. Learning and Behavior** (1)
 A survey of major principles that determine the acquisition and modification of behavior. Topics include the relation of learning and evolution, habituation and sensitization, classical and operant conditioning, reinforcement and punishment, stimulus control, choice behavior, animal cognition, concept formation, perceptual learning, language, reasoning, and self-control. Mr. Cleaveland, Mr. Cynx, Mr. Holloway.
- [223a and b. Comparative Psychology]** (1)
 The study of evolutionary theory, with attention to how it informs the developmental, ecological, genetic, and physiological explanations of behavior. Ms. Broude, Mr. Cleaveland, Mr. Cynx, Mr. Holloway.
 Not offered in 2006/07.
- 229a. Research Methods in Learning and Behavior** (1)
 An introduction to experimental and observational methods in animal learning and behavior. Laboratory experiences have included audio recording and quantitative analysis of animal sounds (bat echolocation and birdsong), operant conditioning, census taking, determining dominance hierarchies, and human visual and auditory psychophysics. Mr. Cleaveland, Mr. Cynx, Mr. Holloway.
 Prerequisites: Psychology 200 and Psychology 221 or 223. Regular laboratory work. Enrollment limited.
- 231a and b. Principles of Development** (1)
 The study of principles and processes in developmental psychology, surveying changes in physical, cognitive, and social-emotional development during the life span. Major theoretical orientations to the growing person are illustrated by empirical material and supplemented by periodic observations of children in natural settings. Ms. Baird, Ms. Broude, Mr. deLeeuw, Mr. Livingston, Ms. Palmer, Ms. Zeifman.
- 237b. Early Childhood Education: Theory and Practice** (1)
 (Same as Education 237) What is the connection between a textbook description of preschool development and what teachers do every day in the preschool classroom?

This course examines curriculum development based on contemporary theory and research in early childhood. The emphasis is on implementing developmental and educational research to create optimal learning environments for young children. Major theories of cognitive development are considered and specific attention is given to the literatures on memory development; concepts and categories; cognitive strategies; peer teaching; early reading, math, and scientific literacy; and technology in early childhood classrooms. Ms. Riess.

Prerequisite: Psychology 231 and permission of instructor.

One 2-hour period; 4 hours of laboratory participation.

239a and b. Research Methods in Developmental Psychology (1)

Problems and procedures in developmental research are examined. The course considers issues in the design of developmental research, basic observational and experimental techniques, and reliability and validity of developmental data. Students may work with children of different ages in both laboratory and naturalistic settings. Ms. Baird, Mr. deLeeuw, Mr. Livingston, Ms. Palmer, Ms. Zeifman.

Prerequisites: Psychology 200 and 231. Regular laboratory work. Enrollment limited.

241a. Principles of Physiological Psychology (1)

The role of physiological systems, especially the brain, in the regulation of behavior. In addition to basic topics in neuroscience (neuroanatomy, neurophysiology, neurochemistry and pharmacology), topics may include: sensory mechanisms, motivational systems (e.g., sleep, eating, reproductive behaviors), emotion, learning and memory, language, stress and psychopathology. Mr. Bean, Ms. Christensen, Ms. Gray, Mr. Holloway.

Psychology 241 may NOT be taken if Psychology 243 has already been taken.

243b. Neuropsychology (1)

The study of the functions of particular brain structures and their relation to behavior and mental activity. Among topics examined are perception, attention, memory, language, emotion, control of action, and consciousness. Neural alterations related to learning disabilities, neurological and psychiatric disorders may be examined as well. Ms. Christensen.

Psychology 243 may NOT be taken if Psychology 241 has already been taken.

249a and b. Research Methods in Physiological Psychology (1)

The study of experimental methods in physiological psychology. In addition to exploring issues related to the ethics, design, measurement, analysis and reporting of research, laboratory topics may include: neuroanatomy, behavioral responses to pharmacological and/or surgical interventions, electrophysiology, neuropsychology, neurochemistry and histology. Mr. Bean, Mr. Holloway.

Prerequisites: Psychology 200, and 241 or 243. Regular laboratory work. Enrollment limited.

253a and b. Individual Differences in Personality (1)

An introduction to contemporary approaches to understanding personality. The focus of the course is on evaluating recent theories and research that attempt to uncover the underlying dimensions that distinguish one person from another. Emphasis will be placed on understanding behavior in interactions with others; the development of personality over time; and people's intuitive theories about personality, including their own. Mr. Cornelius, Ms. Ma, Ms. Morrow, Ms. Trumbetta, Ms. Tugade.

Prerequisite: Psychology 200.

[255a. The Psychology of Sport] (1)

(Same as Physical Education 255) This course assesses the factors that influence behaviors that are related to participation in sports. The relationships of individual differences, attention, arousal, anxiety, and motivation are addressed, as well as the influences of team cohesion and leadership and audience effects on sports performance. Mr. Bean.

Prerequisites: Psychology 105 or 106 and at least one of Psychology 201, 203, 221, 223, 231, 241, 243, 251, 253, Cognitive Science 100.

Not offered in 2006/07.

259b. Research Methods in Personality and Individual Differences (1)

The study of research methods in personality and individual differences. Every stage of research is considered: the generation of hypotheses; the operationalization of variables; the collection, analysis, and evaluation of data; and the communication of results. The focus is on the development of skills necessary for evaluating, designing, and conducting research. Ms. Ma, Ms. Morrow, Ms. Trumbetta, Ms. Tugade.

Prerequisites: Psychology 200 and either 251 or 253. Regular laboratory work. Enrollment limited..

262a. Abnormal Psychology (1)

A survey of research and theory concerning the nature, origins, and treatment of major psychological disorders. The course considers behavioral, biological, cognitive and psychodynamic approaches to understanding psychopathology. Topics may include schizophrenia, mood disorders, anxiety disorders, childhood disorders, and personality disorders. Ms. Ma, Ms. Morrow, Ms. Trumbetta

Prerequisites: by permission only. Majors should have already taken Psychology 200 and either 221, 223, 241, or 243. Non-majors should consult with the instructor.

[264b. Behavior Genetics] (1)

This course explores genetic contributions to complex behavioral phenotypes. Its primary focus is on genetic contributions to human behavior with some attention to comparative and evolutionary genetics. Quantitative methods are emphasized. Ms. Trumbetta

Prerequisites: Psychology 200 and either 241, 243 or 253.

Not offered in 2006/07.

282a. Psychological Perspectives on the Holocaust (1)

(Same as Jewish Studies 282) The holocaust has spawned several now classic programs of psychological research. This course considers topics such as: anti-Semitism and stereotypes of Jews; the authoritarian and altruistic personalities; conformity, obedience, and dissent; humanistic and existential psychology; and individual differences in stress, coping and resiliency. The broader implications of Holocaust-inspired research is explored in terms of traditional debates within psychology such as those on the role of the individual versus the situation in producing behavior and the essence of human nature. The ethical and logical constraints involved in translating human experiences and historical events into measurable/quantifiable scientific terms are also considered. Ms. Zeifman.

290a and b. Field Work (½ or 1)

Individuals or group field projects or internships, with prior approval of the adviser and the instructor who supervises the work. May be elected during the college year or during the summer. The department.

298a and b. Independent Work (½ or 1)

Individual or group studies with prior approval of the adviser and of the instructor who supervises the work. May be elected during the college year or during the summer. The department.

III. Advanced

Open to seniors. For majors, satisfactory completion of a research methods course (Psychology 209, 219, 229, 239, 249, 259), and permission of the instructor are prerequisites for these courses. Non-majors and juniors should consult the instructor.

[300a. Advanced Methods of Statistical Analysis] (1)

This course takes the study of statistical methodology beyond what students encounter in the standard basic-level statistics course. Emphasis is placed on concepts and procedures of multivariate analysis, such as those pertaining to analysis of variance, analysis of covariance, multivariate chi-square, log-linear analysis, multiple regression, and factor analysis. Ms. Ma.

Prerequisite: Psychology 200 and one research methods course in Psychology or any other of the natural sciences.

Not offered in 2006/07.

301a and b. Seminar in Social Psychology (1)

An intensive study of selected topics in social psychology. Emphasis is placed on current theories, issues, and research areas. Mr. Cornelius, Ms. Lightbourn, Ms. Ma, Ms. Morrow.

Prerequisites: Psychology 201 or 205.

321b. Seminar in Animal Learning and Behavior (1)

An in depth analysis of selected mechanisms of learning and behavior. Topics can vary from year to year, but may include animal cognition, language and communication, behavioral ecology, and recent advances in the theory and neurophysiology of learning and behavior. Mr. Cleaveland, Mr. Cynx, Mr. Holloway.

Prerequisites: Psychology 221 or 223.

323a. Seminar in Comparative Psychology (1)

Applications of comparative psychology to a specific topic. Topics can vary from year to year, and have in the past included altruism, sex differences, aggression, language, etc. The focus is how theory and data from other species inform questions about human functioning. Ms. Broude, Mr. Cleaveland, Mr. Cynx.

Prerequisites: Psychology 221 or 223 or Biology 340.

331a and b. Seminar in Developmental Psychology (1)

Seminar in current issues, research, and theory in developmental psychology. Topics vary and may include laboratory work. Ms. Baird, Ms. Broude, Mr. Livingston, Ms. Palmer, Ms. Zeifman.

Prerequisites: Psychology 231.

336a. Childhood Development: Observation and Research Application (1)

(Same as Education 336) What differentiates the behavior of one young child from that of another? What characteristics do young children have in common? This course provides students with direct experience in applying contemporary theory and research to the understanding of an individual child. Topics include attachment; temperament; parent, sibling and peer relationships; language and humor development; perspective-taking; and the social-emotional connection to learning. Each student selects an individual child in a classroom setting and collects data about the child from multiple sources (direct observation, teacher interviews, parent-teacher conferences, archival records). During class periods, students discuss the primary topic literature, incorporating and comparing observations across children to understand broader developmental trends and individual differences. Synthesis of this information with critical analysis of primary sources in the early childhood and developmental literature culminates in comprehensive written and oral presentations. Ms. Riess.

Prerequisite: Psychology 231 and permission of the instructor.

For Psychology Majors: completion of a research methods course.

4 hours of laboratory observation work.

341a. Seminar in Physiological Psychology (1)

Analysis of selected topics in physiological psychology. Topics vary from year to year but may include learning, memory, human neuropsychology, neuropharmacology, psychopharmacology, sensory processes, emotion, and motivation. Mr. Bean, Ms. Christensen, Ms. Gray, Mr. Holloway.

Prerequisites: Psychology 241 or 243.

343b. Seminar on States of Consciousness (1)

A consideration of conditions giving rise to disruptions of awareness and implications for behavioral integration. Topics serving as areas of discussion may include: sleep and dreaming; hypnosis and hypnagogic phenomena; drug behavior and biochemistry; cerebral damage; dissociations of consciousness such as blindsight; psychopathologic states. Mr. Bean, Ms. Christensen.

Prerequisites: Psychology 241 or 243.

351a. Seminar in Personality and Individual Differences (1)

Intensive study of selected topics in personality and individual differences. Theory and empirical research form the core of required readings. Topics studied reflect the interests of both the instructor and the students. Ms. Morrow, Ms. Trumbetta, Ms. Tugade.

Prerequisites: 251 or 253

362a and b. Seminar in Psychopathology (1)

An intensive study of research and theory concerning the nature, origins, and treatment of major psychological disorders. Topics vary but may include schizophrenia, mood disorders, anxiety disorders, childhood disorders, and personality disorders. Ms. Morrow, Ms. Trumbetta

Prerequisites: Psychology 262

[381a. The Psychological Experience of Migration] (1)

(Same as Urban Studies 381) The study of immigrants and immigration is a relatively recent interest of the field of psychology. Theory and research from the major paradigms in social psychology will be utilized to understand: 1) why people migrate to new countries, 2) how people adapt to new environments, 3) how rural/urban migration may affect adaptation, 4) how newcomers become integrated into the fabric of new societies on the macro and micro level, and 5) the challenge of renegotiating notions of identity and citizenship. As such, psychological research will be supplemented by relevant research from the fields of urban studies, sociology, cultural studies, economics and social work. Through readings, films, lectures, discussion and critical writing assignments students will attain an appreciation of the phenomenon of migration and its psychological consequences. Weekly short film screenings are required in addition to class attendance. Ms. Lightbourn.

Prerequisite: Permission of the instructor is required for all students, psychology students must have taken one of the department's laboratory courses. Students outside of the department are required to have completed a 200-level psychology course and should have taken a research methods course in their field.

Not offered in 2006/07.

[388b. Prejudice, Racism and Social Policy] (1)

(Same as Africana Studies 388 and Urban Studies 388)

Not offered in 2006/07.

[390b. Senior Research] (1)

Graded independent research. A student wishing to take this course must first gain the support of a member of the psychology faculty, who supervises the student as they design and carry out an empirical investigation of some psychological phenomenon. In addition to a final paper and regular meetings with their faculty sponsor, students also attend weekly meetings organized by the course instructor. Both the course instructor and the supervising faculty member participate in the planning of the research and in final evaluation. The Department.

Prerequisite: Psychology 298.

Not offered in 2006/07.

395a and/or b. Senior Thesis (½ or 1)

Open to seniors by invitation of instructor.

Prerequisite: 298, 300, or 399

399a and/or b. Senior Independent Work

(½ or 1)

Individual or group studies with prior approval of the adviser and of the instructor who will supervise the work. May be elected during the college year or during the summer. The department.

Religion

Professor: Lawrence H. Mamiya, Judith Weisenfeld^b; **Associate Professors:** Marc Michael Epstein, E.H. Rick Jarow, Lynn R. LiDonnici (Chair); **Assistant Professor:** Michael Walsh^a; **Lecturer:** Tova Weitzman; **Visiting Instructor:** Margaret Leeming.

The concentration in religion is intended to provide an understanding of major religious traditions, an exposure to a variety of approaches employed within the study of religion, and an opportunity for exploration of diverse problems that religions seek to address.

Requirements for the Concentration: 11 units, including Religion 270, 271, three seminars at the 300-level, and a senior thesis or project. It is recommended that students take Religion 270 in the sophomore or junior year. Students are expected to pursue a program of study marked by both breadth and depth. Of the 11 units required for the concentration, no more than two may be at the 100-level. No more than 1½ units of field work, independent study, and/or reading courses may count toward the concentration. After declaring a concentration in religion, no courses taken under the Non-Recorded Option serve to fulfill the requirements.

Senior-year Requirements: Religion 271 and a 300-level senior thesis or project.

It is possible to integrate the study of religion with another concentration by means of a correlate sequence in religion.

Requirements for the Correlate Sequence: 6 units, 1 unit at the 100-level, 3 at the 200-level and two seminars at the 300-level. After declaring a correlate sequence in religion, no courses taken under the Non-Recorded Option serve to fulfill the requirements.

Advisers: Mr. Epstein, Mr. Jarow, Ms. Leeming, Ms. LiDonnici, Mr. Mamiya, Mr. Walsh, and Ms. Weisenfeld.

I. Introductory

101a. The Religious Dimension (1)
Is religion best described as a personal, inward experience or as a communal, social activity? This course explores the classical approaches to the study of Religion that have developed over the course of the twentieth century. Instructor to be announced.

150a and b. Western Religious Traditions (1)
(Same as Jewish Studies 150) An historical comparative study of Judaism, Christianity, and Islam. The course focuses on such themes as origins, development, sacred literature, ritual, legal, mystical, and philosophical traditions, and interactions between the three religions. Ms. Leeming, Ms. LiDonnici.

Open to all students.

152a and b. Religions of Asia (1)
(Same as Asian Studies 152) This course is an introduction to the religions of Asia (Buddhism, Confucianism, Hinduism, Zen, Shinto, etc.) through a study of practices, sites, sensibilities, and doctrines. The focus is comparative as the course explores numerous themes, including creation (cosmology), myth, ritual, action, fate and destiny, human freedom, and ultimate values. Mr. Jarow, Mr. Walsh.

Open to all students except seniors.

180a. Finding your Calling: Cross-Cultural Perspectives on Vocation (1)
Through autobiography, novels, films, sacred texts, psychological tracts, and philosophical essays we explore how representative cultural figures have envisioned vocations that have allowed themselves to live and act from the most authentic part of their being and to express their strongest values, energies, and talents in the world. Readings include Confucius, Shakespeare, Weber, Joyce, Lorde, Morrison, and others. Mr. Jarow.

Open to freshmen only.

^a Absent on leave, first semester.

^b Absent on leave, second semester.

II. Intermediate

[203b. The Origins and Development of Islamic Literature] (1)
(Same as Africana Studies 203) Mr. Mhiri.

Not offered in 2006/07.

204b. Islam in America (1)

(Same as Africana Studies 204) This course examines the historical and social development of Islam in the U.S. from enslaved African Muslims to the present. Topics include: African Muslims, rice cultivation in the South, and slave rebellions; the rise of proto-Islamic movements such as the Nation of Islam; the growth and influence of African-American and immigrant Muslims; Islam and Women; Islam in Prisons; Islam and Architecture and the American war on terror. Mr. Mamiya and Ms. Leeming.

Prerequisite: Any one of the following: Religion 150 or 152; Africana Studies 102 or 105; or permission of the instructors.

205b: Modern Problems of Belief (1)

Some say it is impossible to be both a modern and a religious person. What are the assumptions behind this claim? The course explores how religion has been understood and challenged in the context of Western intellectual thought from the Enlightenment to the present. Kant, Hegel, Kierkegaard, Nietzsche, Freud, and Buber are some of the thinkers whom we study.

[206a: Religion and American Film] (1)

An examination of relationships between religion and American film, with particular attention to interactions between American religious institutions and the film industry, issues of race and gender, and representations of religious beliefs, practices, individuals, and institutions. Films may include: *Broken Blossoms*, *The Jazz Singer*, *Hallelujah*, *The Ten Commandments*, *Gentleman's Agreement*, *The Exorcist*, *Daughters of the Dust*, *The Apostle*. Ms. Weisenfeld.

Not offered in 2006/07.

211a. Religions of the Oppressed and Third-World Liberation Movements (1)
(Same as Africana Studies 211) Mr. Mamiya.

[220. Text and Tradition] (1)

Study of selected oral and written text(s) and their place(s) in various religious traditions. May be taken more than once for credit when content changes.

Prerequisite: 1 unit in religion or by permission of instructor.

Not offered in 2006/07.

221b. Voices from Modern Israel (1)

(Same, as Jewish Studies 221 and Hebrew 221) Ms. Weitzman.

[225b. The Hebrew Bible] (1)

(Same as Jewish Studies 225) The Hebrew Scriptures exist both in and out of time—in literature of a particular people; out of time as a repository of metaphors through which much in western culture is still expressed. This course pursues both of these dimensions through a study of the religious and literary traditions of ancient Israel and the legacy of these traditions in our own modes of thought. Ms. LiDonnici.

Not offered in 2006/07.

[227b. The New Testament and Early Christianity] (1)

Christianity today reflects an amalgamation and interpretation of the many different perspectives reflected in the Christian scriptures. In this course we study the development of the many varieties of early Christianity, and the literature they created. We use critical analysis and historical contextualization to try to identify the earliest Christian message and trace its evolution over the first three centuries. Ms. LiDonnici.

Prerequisite: 1 unit in religion, or by permission of instructor.

Not offered in 2006/07.

[230. Creole Religions of the Caribbean] (1)

(Same as Africana Studies 230) Ms. Paravisini-Gebert.

Not offered in 2006/07.

[231a. Hindu Traditions] (1)

(Same as Asian Studies 231) An introduction to the history, practices, myths, ideas and core values that inform Hindu traditions. Beginning with the pre-Vedic period, the course traces major religious practices and developments up to and including the contemporary period. Among topics examined are yoga and upanishadic mysticism, the spiritual paths (*marga*) of action (*karma*) knowledge (*jnana*) and love (*bhakti*), the worship of (and ideologies surrounding) gods and goddesses, and issues of gender, caste, and ethnicity in both pre- and postmodern times. Mr. Jarow.

Prerequisite: Religion 152 or by permission of instructor.

Alternate years: not offered in 2006/07.

[232b. Imagining the Dao: Daoism and Chinese Culture] (1)

(Same as Asian Studies 232) Daoism is frequently described as being the indigenous religious tradition of China. As a tradition Daoism has shaped and been shaped by a number of cultural forces. This course explores some of the imaginings of what Daoism is, what is the *dao*, and who are Daoists. We study Daoist health practices, sociopolitical visions, spells for controlling ghosts and deities, cosmic wanderings, and intense monastic practice. Mr. Walsh.

Not offered in 2006/07.

[233a. Buddhist Traditions] (1)

(Same as Asian Studies 233) An introduction to Buddhist traditions, beginning with the major themes that emerged in the first centuries after the historical Buddha and tracing the development of Buddhist thought and practice throughout Asia. The course examines how Buddhist sensibilities have expressed themselves through culturally diverse societies, and how specific Buddhist ideas about human attainment have been (and continue to be) expressed through meditation, the arts, political engagement, and social relations. Various schools of Buddhist thought and practice are examined including Theravada, Mahayana, Tantra, Tibetan, East Asian, and Zen. Mr. Jarow.

Prerequisite: Religion 152 or by permission of instructor.

Not offered in 2006/07.

[235a. Religions of China] (1)

(Same as Asian Studies 235) This course introduces the vast range of religious beliefs and practices of China. We look at the myriad worlds of Buddhism, Taoism, and Confucianism and meet with ghosts, ancestors, ancient oracle bones, gods, demons, Buddhas, dragons, imperial politics, the social, and more, all entwined in what became the traditions of China. Some of the questions we try to answer include: how was the universe imagined in traditional China? What did it mean to be human in China? What was the meaning of life? What cultural impact did religious traditions have on Chinese culture. What do we mean by "Chinese religions"? How should Chinese culture be represented? What was /is the impact of Chinese religions on the "West" and vice versa? Mr. Walsh.

Not offered in 2006/07.

[243b. Islamic Traditions] (1)

An exploration of Islamic history, with special attention to issues of prophecy, religious leadership, mythology and sacred scriptures. Among the topics examined are Islamic law, theology and philosophy, as well as the varied expressions of Islamic religious values and ritual, especially Shi'ism, Sufism, and orthodox Sunnism. Particular attention is given to women in Islam and to Islamic architecture. Ms. Leeming.

Prerequisite: Religion 150, 152, or by permission of instructor.

Alternate years: not offered in 2006/07.

[245a. Jewish Traditions] (1)

(Same as Jewish Studies 245) An exploration of Jewish practice and belief in all its variety. The course traces the evolution of various “Judaisms” through each one’s approaches to the text of scripture and its interpretations, Jewish law and the observance of the commandments. It analyzes the Jewish life-cycle, calendar and holidays from a phenomenological perspective, and traces the development of the conceptualization of God, Torah, and the People and Land of Israel in Jewish life, thought, and culture from antiquity through the present day. Mr. Epstein.

Prerequisites: Religion 150, Jewish Studies 101, 201 or permission.

Not offered in 2006/07.

250b. Across Religious Boundaries: Understanding Differences (1)

The study of a selected topic or theme in religious studies that cuts across the boundaries of particular religions, allowing opportunities for comparison as well as contrast of religious traditions, beliefs, values and practices. May be taken more than once for credit when the content changes.

Topic for 2006/07b: *Pilgrimage: Narrative, Quest, and practice*. This course explores the experiential, social, and structural aspects of pilgrimage, examining a multicultural array of practices and texts that deal with sacred sites and journeys to them. The course considers an ongoing series of questions: What has inspired pilgrimage throughout history? Is there a basic structure or myth of pilgrimage? Are there specific types of pilgrimage? How does pilgrimage foster social order and myth as well as personal transformation? When and why does pilgrimage “succeed” or “fail?” How does pilgrimage manifest in contemporary “secular” contexts? Readings include Chaucer, Bunyan, Castaneda, Hesse, Matthiessen, Wu Chang’en, Turner, and others. All students are required to go on the “class pilgrimage” over a weekend during the semester. Mr. Jarow.

Prerequisite: one unit in religion.

255b. Western Mystical Traditions (1)

Textual, phenomenological and theological studies in the religious mysticism of Judaism, Christianity and Islam. May be taken more than once for credit when content changes. Mr. Leeming.

Prerequisite: one 100-level course or by permission of instructor.

266a. Religion in America (1)

An historical introduction to the study of religion in America, focusing on religious innovation and change, especially the introduction and creation of new religions and religious movements and redefinition of boundaries of margins and mainstream in American religious life. Topics include the role of religion in politics, culture, ethnic group life, and the social construction of gender. Ms. Weisenfeld.

Prerequisite: 1 unit in religion, or by permission of instructor.

[267b. Religion, Culture and Society] (1)

(Same as Sociology 267) An examination of the interaction between religion, society, and culture in the work of classical theorists such as Freud, Marx, Durkheim and Weber, and in the writings of modern theorists like Berger, Luckman, Bellah, and Geertz. Students learn to apply theoretical concepts to the data of new religious movements in American society. Mr. Mamiya.

Prerequisite: 1 unit at the 100-level in religion, 1 unit at the 100-level in anthropology or sociology, or by permission of instructor.

Not offered in 2006/07.

268b. Sociology of Black Religion (1)

(Same as Africana Studies 268 and Sociology 268) Mr. Mamiya.

[269. The Holocaust] (1)

(Same as History 269 and Jewish Studies 269)

Not offered in 2006/07.

270b. Departmental Colloquium (½)

Joint exploration for majors of methods in the study of religion. The department, Ms. LiDonnici.

Permission required.

One weekly two-hour period during the first half of the semester.

271a. Advanced Methods in the Study of Religion (½)

A continued exploration of methods in the study of religion and their application to research questions. Ms. LiDonnici.

Senior religion majors only. Permission required.

One two-hour period bi-monthly.

290a or b. Field Work (½ or 1)

Supervised field work in the community in cooperation with the field work office. The department.

By permission, with any unit in religion as prerequisite and work in other social sciences recommended.

298a or b. Independent Work (½ or 1)

The department.

Prerequisite: One semester of appropriate intermediate work in the field of study proposed. Permission of instructor required.

III. Advanced

Prerequisite for all 300-level courses unless otherwise specified: 1 unit at the 200-level or permission of instructor.

300b. Senior Thesis or Project (1)

An essay or other project in religion written under the supervision of a member of the department. Normally taken in the second semester, and in the first only under special circumstances.

Permission required.

[310b. Politics and Religion: Tradition and Modernization in the Third World] (1)

(Same as Africana Studies 310) An examination of the central problem facing all Third-World and developing countries, the confrontation between the process of modernization and religious tradition and custom. Along with social, economic, and political aspects, the course focuses on the problems of cultural identity and crises of meaning raised by the modernization process. Selected case studies are drawn from Africa and Asia. Mr. Mamiya.

Prerequisite: Sociology/Religion 261 or Africana Studies 268, or 2 units in Religion or Africana Studies at the 200-level, or by permission of instructor.

Alternate years: not offered in 2006/07.

315a. Religion and American Culture. (1)

(Same as Africana Studies 315 and American Culture 315) Advanced study in selected aspects of the history of religions in the United States. May be taken more than once for credit when the content changes.

Topic for 2006/07: *Black Women and Religion*. In this seminar we examine the religious beliefs, experiences, and practices of black women in various historical periods in the United States. Using personal narratives, historical studies, fiction, and film, we devote particular attention to: the ways in which American gender and racial constructions have shaped black women's religious lives, activism, and their religiously-grounded cultural and intellectual expressions. Ms. Weisenfeld.

Prerequisites: one unit at the 200-level in Religion, Africana Studies, or American Culture.

[320b. Studies in Sacred Texts]

(1)

Examination of selected themes and texts in sacred literature. May be taken more than once when content changes.

Not offered in 2006/07.

346b. Studies in Jewish Thought and History

(1)

(Same as Jewish Studies 346) Advanced study in selected aspects of Jewish thought and history. May be taken more than once for credit when the content changes.

Topic for 2006/07b: *The Great Flood*. Ideas about a world encompassing flood occur in the religious literature of several societies, as cautionary tales about human sin, as accounts of the origin of evil, and sometimes as a metaphor for perfect lives that can never be again. In this course we study the sources of the biblical account of the flood and its transformations through early Jewish and Christian interpretation, along with myths of Atlantis and other world flood traditions. We focus both upon the ancient texts and on their role in contemporary debates about the teaching of modern scientific archeology, biology, and geology, creation science, and intelligent design. Ms. LiDonnici.

Prerequisites: 1 unit at the 200 level or permission of instructor.

350a. Comparative Studies in Religion

(1)

An examination of selected themes, issues, or approaches used in illuminating the religious dimensions and dynamics within particular cultures and societies, with attention to the benefits and limits of the comparative method. Past seminars have focused on such topics as myth, ritual, mysticism, and iconography. May be taken more than once for credit when content changes.

350.01a: Comparative Studies in Religion

(1)

Topic for 2006/07a: *Religion and the Arts*. This seminar focuses on the relationship between the visual arts and religious concepts in Jewish and Christian society: How is art instrumental in imagining and manifesting the sacred? What is a legitimate visual aid to worship, and what is deemed to constitute idolatry? What implications do the incarnation and embodiment of Divinity have for the creation of art, and what problems does art face in depicting an incarnate God? Finally, given the concept of a deity made flesh among human beings, how have various groups depicted the same incarnate divine figure? Mr. Epstein.

Prerequisites: Religion 150, Jewish Studies 101, 201 or permission of instructor.

350.02a: Comparative Studies in Religion

(1)

(Same as Asian Studies 350)

Topic for 2006/07a: *Yoga and the West: Asian Spiritual Traditions/Post-Modernity*. This course begins by exploring the historical movement of Asian religious traditions into the West and goes on to focus on the encounter between Hindu and Buddhist ideas and practices with post-modern paradigms in the Sciences and Humanities. The following issues are considered: the guru in America, the adaptation of Hindu goddess worship by neo-pagans in America, Buddhism and the Beat Generation, the influence of Buddhist sensibilities upon issues of social and environmental justice, the interfacing of the “dharma” with the teachings of major Western religions and philosophies, the emergence of “Hindu rock” and other hybrid art forms, and the adaptation of Asian teachings and practices to Western societies. Mr. Jarow.

Prerequisites: Religion 231, 232, 233, 235, or instructor permission.

355a. The Politics of Sacred Centers

(1)

This course examines how “sacred centers” are produced, maintained, and how they function in different religious environments. In focusing on specific cultic objects, temples, sacred places, etc., we study culturally complex centers such as Banares in India, Beijing in China, Jerusalem in Israel, and Washington D.C. in America, and raise questions about their sacrality and role in their respective religious environments. Some of our questions include: what is a sacred center? Are places inherently sacred

or are they made that way through human action? What roles do sacred centers play in both local and global cultures? Mr. Walsh.

[365b. Gods of the City: Religion in America] (1)

(Same as Urban Studies 365) An exploration of the relationship between religious expressions and urban life in the United States. This course asks what happens to religion in American cities and whether there are distinctly urban religious experiences and practices. It inquires about the relationship between religious behavior and urban popular culture, religious power and urban politics, religious idioms and the routines of daily urban life. Particular attention is given to ethnic and religious diversity. Ms. Weisenfeld.

Prerequisites: 1 unit at 200 level or by permission of instructor.

Not offered in 2006/07.

[385a. Asian Healing Traditions] (1)

(Same as Asian Studies 385) Mr. Jarow.

Not offered in 2006/07.

Russian Studies

Professor: Alexis Klimoff (Chair); **Associate Professor:** Dan Ungurianu^{ab}; **Assistant Professor:** Nikolai Firtich; **Instructor:** Viktoria Ivleva.

Requirements for Concentration: 10 units beyond introductory language; including 331/332 or equivalent, 135/235, 152/252, plus 3 units in literature or culture at the 300-level.

Senior-Year Requirements: 2 units of advanced course work. Senior thesis (300) is required of students who are candidates for departmental honors.

Recommendations: Study of the language should be started in the freshman year. Study at an accredited summer school is strongly urged. Study Away in Russia through approved exchange programs.

A Teaching Certification program is available.

Advisers: The department.

Correlate Sequence in Russian Studies: Four semesters of the Russian language (or equivalent) and three additional units in culture, literature and/or language, one of which must be at the 300-level. Entering students with advanced proficiency in Russian are required to take five units in literature and/or culture, at least two of which are at the 300-level.

I. Introductory

105a-106b. Elementary Russian (1½)

The essentials of grammar with emphasis on the development of oral-aural proficiency. The department.

Open to all classes. Five 50-minute periods plus two hours of oral practice.

107b. Intensive Introductory Russian (2)

Single-semester equivalent of Russian 105-106. Intensive training in fundamental language skills. Designed for beginning students who wish to accelerate their learning of Russian. Ms. Ivleva.

Open to all classes.

Five 75-minute periods, plus four 30-minute drill and conversation sessions.

135a. The Russian Classics: The Great Realists of the Nineteenth Century (in English) (1)

The great tradition of Russian literature with its emphasis on ultimate existential and moral questions. Selected works by such nineteenth-century masters as Pushkin, Gogol, Turgenev, Tolstoy, and Dostoevsky. Mr. Firtich.

Open to all classes. Readings and lectures in English. Russian majors see 235a.

Two 75-minute periods.

141b. Tolstoy in Battle (1)

The representation of war in Tolstoy's fiction, centered on a detailed analysis of *War and Peace*, with this classic novel considered in the context of the writer's earlier and later war narratives, including *Sebastopol Tales* and "Hadji Murat." Mr. Firtich.

All readings and discussions in English.

Open to all classes.

Two 75-minute periods.

152b. The Russian Modernists (in English) (1)

Outstanding works of major twentieth-century Russian writers, with emphasis on those who broke with the realist tradition of the nineteenth century. Mr. Klimoff.

Open to all classes. Readings and lectures in English. Russian majors see 252b.

Two 75-minute periods.

^{ab} Absent on leave for the year.

165a. In Search of Mother Russia (1)

A survey of selected features of the prerevolutionary cultural tradition within a historical framework. Topics explored include folklore, the religious world of medieval Russia with special emphasis on art and architecture, the inroads of secular culture, the challenges of Westernization, and the emergence of national traditions in literature, art, and music. Given in English. Mr. Klimoff.

Open to all classes.

Two 75-minute periods plus regular film screenings.

[169b. Utopia in Power: Russian Culture in the Twentieth Century] (1)

A survey of modern Russian culture in its historical context. Topics include cultural and social revolutions, the Red Avant-Garde, Socialist Realism, the creation of the New Man, the Great Terror, the totalitarian system and its collapse, the dissident movement, ethnic identity and ethnic conflicts, Russian rock and pop music, post-Communist Russia. Mr. Ungurianu.

Open to all classes. All readings and discussions are in English.

Two 75-minute periods, plus regular film screenings.

Not offered in 2006/07.

[171b. Russia and the Short Story (in English)] (1)

In this course we read and discuss a number of classic short stories by such Russian masters of the genre as Gogol, Turgenev, Chekhov, Babel, and Olesha. Mr. Klimoff.

Satisfies college requirement for a Freshman Course.

Two 75-minute periods.

Not offered in 2006/07.

[185a. History Imagined: Masterpieces of Russian Historical Fiction in their European Contexts] (1)

A study of selected historical novels from the nineteenth and early twentieth centuries with a focus on the poetics of the genre and its evolution. Authors studied include Alexander Pushkin, Nikolai Gogol, and Leo Tolstoy in their relation to Sir Walter Scott, Victor Hugo, and Gustave Flaubert. Mr. Ungurianu.

Open to all classes. All readings and discussion in English.

Two 75-minute periods.

Not offered in 2006/07.

II. Intermediate**210a-211b. Intermediate Russian** (1)

Review of the basics of grammar and analysis of more complex grammatical phenomena through the study of literary, historical, and newspaper texts, composition, and discussion. The department.

Prerequisite: Russian 105-106 or permission of instructor.

Four 50-minute periods plus one hour of oral practice.

231a. Russian Screen and Stage (1)

Aspects of Russian film, drama and performing arts.

Topic for 2006/07: *Russian and Soviet Cinema in its European Context*. A survey of Russian and Soviet cinema from the 1920s to 2000. Films considered include the early masterpieces directed by Eisenstein, Dovzhenko, Vertov and others; the productions of the Stalin era; the movies dating from the post-Stalin "Thaw" and from the following two decades, including the great works of Tarkovsky and Paradjanov; films from the years of "glasnost" and beyond. Readings include critical and theoretical articles by filmmakers and literary scholars. All readings and discussion in English. Mr. Firtich.

Prerequisite: One of the following courses: Russian Studies 135, 152, 165, 169, Film 175, or permission of instructor.

Two 75-minute periods, plus regular film screenings.

235a. The Russian Classics: The Great Realists of the Nineteenth Century (1)

Individually designed for Russian majors and other students with some knowledge of Russian. Students in this course attend the same lectures and discussions as those in Russian 135, but are required to do part of the work in Russian.

By permission of instructor.

252b. The Russian Modernists (1)

Individually designed for Russian majors and other students with some knowledge of Russian. Students in this course attend the same lectures and discussions as those in Russian 152, but are required to do part of the work in Russian.

By permission of instructor.

[267b. Culture and Ideology] (1)

Topic: *The Russian Avant-Garde in Literature and Art*. Russian painters and writers made a huge contribution to the European avant-garde movement, with Malevich and Khlebnikov being the best known names. This course offers a survey of the Russian phase of movement from its origins in the nineteenth century to its violent suppression by the Soviet regime in the 1920s. All readings and discussion in English. Mr. Firtich.

Prerequisite: One of Russian 169, 152, 135, 165, or permission of the instructor.

Not offered in 2006/07.

[271b. Focus on Literature] (1)

Aspects of the Russian literary tradition—including authors, genres, and thematic emphases—and the place of this tradition in world literature.

Not offered in 2006/07.

298. Independent Work (½ or 1)

Program to be worked out in consultation with an instructor. The department.

III. Advanced

Prerequisite for all advanced courses: Russian 210-211. Additional prerequisites indicated where appropriate.

300a or b. Senior Thesis (1)**331a/332b. Advanced Russian** (1)

A course designed to increase all aspects of Russian proficiency. Includes readings on a wide range of topics, discussion, oral reports, stylistic analysis, written assignments, and review of persistent grammatical difficulties. The department.

Three 50-minute periods, plus one hour of conversational practice.

371b. Seminar on Russian Culture (1)

Advanced seminar on Russian culture. Designed for majors and students with sufficient knowledge of Russian.

Topic for 2006/07: *The Myth of St. Petersburg*. In this course, we explore the myth of the imperial Russian capital, founded by Peter the Great in the early eighteenth century as a “window on Europe.” The city has been seen to embody all of the contradictions of Russia: East vs. West, imperial grandeur vs. the pathos of the little man, nature vs. civilization, free will vs. fate. We consider the semiotics of space in St. Petersburg through a careful reading of selected literary texts—both prose and poetry—including Pushkin, Gogol, Dostoevsky, Blok, Bely, Akhmatova, Mandelstam, and Brodsky, as well as some works of literary and cultural criticism. Mr. Firtich.

Conducted in Russian.

Prerequisite: Russian 331 or equivalent.

Two 75-minute periods plus weekly film screenings.

373a. Seminar on Russian Literature (1)

Focused analysis of an author, work, theme, genre, or literary school in the nineteenth or twentieth century.

Topic for 2006/07: Dostoevsky's *Crime and Punishment*. A close reading of the Russian novel, taking into consideration the literary and cultural contexts that influenced the writing of this work, as well as the critical responses in both East and West. Mr. Klimoff.

Conducted in Russian.

Prerequisite: Russian 331 or permission of the instructor.

One 3-hour period.

399. Senior Independent Work (½ or 1)

Program to be worked out in consultation with an instructor. The department.

Vassar Program in St. Petersburg**105a. Elementary Russian (1-½)**

The essentials of grammar with emphasis on the development of oral-aural proficiency.

166a. Facets of Russian Culture (1)

Selected aspects of Russian culture presented in historical context. Includes consideration of architectural, literary, musical, theatrical, and other notable expressions of Russia's creative spirit. Given in English.

Three hours per week, plus excursions.

175a. The Hermitage Collection Through History (1)

A survey of the major collections of the Hermitage Museum's paintings and prints, presented in the context of the history of their acquisition, exhibition, and appreciation. Given in English.

Three hours of lectures per week, plus extensive viewing of art in the museum.

176a. Icons to Avant-Garde: Russian Art in St. Petersburg (1)

A historical survey, based on the exhibits of Russian art in several museums of St. Petersburg. Given in English.

Three hours of lectures per week, plus extensive viewing of museum art.

210a. Intermediate Russian (1)

Review of the basics of grammar and analysis of more complex grammatical phenomena through the study of literary, historical, and newspaper texts, composition, and discussion.

275a. The Hermitage Collection Through History (1)

(Same as 175) The 275 option is available for students who have taken Art 105-106 at Vassar College or the equivalent elsewhere. Involves additional meetings with the instructor in connection with an individualized research project. May be counted toward Art History major credit.

276a. Icons to Avant-Garde: Russian Art in St. Petersburg (1)

(Same as 176) The 276 option is available for advanced students who undertake individualized research in addition to 176. May be counted toward Art History major credit.

331a. Advanced Russian (1)

A course designed to increase all aspects of Russian proficiency. Includes readings on a wide range of topics, discussion, oral reports, stylistic analysis, written assignments, and review of persistent grammatical difficulties.

Science, Technology, and Society (STS)

Director: Janet Gray (Psychology); **Steering Committee:** James F. Challey (Physics and Science, Technology and Society), Richard B. Hemmes (Biology), Lucy Lewis Johnson (Anthropology), Robert E. McAulay (Sociology), Marque Miringoff (Sociology), Nancy Pokrywka (Biology), Morton A. Tavel (Physics).

The multidisciplinary program in Science, Technology, and Society is designed to enable students to pursue three objectives: a) to better understand the central role of science and technology in the emergence of advanced industrial society; b) to consider the social, political, philosophical, and cultural implications of the human experience in a technological society; and c) to explore possible directions of future development, using alternative social theories and perceptions.

Students interested in the program are urged to plan for admission as early as possible in their college careers. Freshmen and sophomores should talk with the director and the staff concerning courses to be taken in the freshman and sophomore years.

Course Requirements: 13½ units including: Science and Technology Studies 200, 3 units (2 units of which must include laboratory work) from the following natural sciences: biology, chemistry, geology, or physics; 1 unit of philosophy; 1 unit of introductory modern history; 1 unit chosen from anthropology, economics, political science, or sociology; 5 units of Science, Technology, and Society courses (not including Science, Technology, and Society 200), of which at most one may be at the 100-level; a senior thesis (1 unit); the Senior Seminar, Science, Technology, and Society 301b (½ unit). After declaration of the major, all required courses must be taken for a letter grade.

Distribution Requirements: At least 3 units in a sequence of courses leading to the 300-level in one of the social sciences, or one of the natural sciences, or a discipline in one of the humanities by permission of the director; at least 5 units to be taken in any of the divisions other than the one in which the student has achieved the 300-level requirement; no more than 25½ units may be taken within any one division of the college.

290a or b. Field Work (½ or 1)

298a or b. Independent Work (½ or 1)

300a or b. Senior Thesis (1)

301a or b. Senior Seminar (½)

The seminar meets during the first six weeks of the second semester. Senior majors present and defend their senior theses before the student and faculty members of the program.

One 2-hour period.

399a or b. Senior Independent Work (½ or 1)

Dilemmas of Technological Society

[131a. Genetic Engineering: Basic Principles and Ethical Questions] (1)

This course includes a consideration of: 1) basic biological knowledge about the nature of the gene, the genetic code, and the way in which the genetic code is translated into the phenotype of the organism; 2) how this basic, scientific knowledge has led to the development of a new technology known as “genetic engineering”; 3) principles and application of the technology itself; 4) the ethical, legal, and economic issues which have been raised by the advent of this technology. Among the issues discussed are ethical questions such as the nature of life itself, the right of scientists to pursue research at will, and the role of the academy to regulate the individual scientific enterprise. Ms. Pokrywka.

Not offered in 2006/07.

[135a. Autos and Airplanes: The Transportation Revolution] (1)

An examination of the history and the impact of the two major transportation technologies of the twentieth century. The particular ways in which the evolution of each technology was shaped, in different ways, by social as well as technical factors are studied. Among the major topics are: Henry Ford and the Model T, the contrast between military and civilian development of aviation, and the environmental and urban impact of the automobile. Mr. Challey.

Not offered in 2006/07.

136a. Patent Law and Policy (1)

The patent is a limited monopoly granted as inventor so that a nation may benefit from the inventor's technological creativeness. Recent technological advances, however, have raised social and ethical questions about the proper subject matter for patent protection. This course examines intellectual property and patents from a historical and legal perspective. The students learn how to interpret and draft a patent and important historical patents are read and their implications discussed. Mr. Tavel.

172a. Microbial Wars (1)

(Same as Biology 172)

180a. Energy: Sources and Policies (1/2)

A multidisciplinary introduction to the principal sources of energy currently being used in the United States and the economic, political and environmental choices they entail. The two largest energy sectors, electrical generation and transportation, are the main focus for the course, but emerging technologies such as wind power and hydrogen are also examined. There are no science prerequisites except a willingness to explore the interconnections of scientific principle, engineering practice and social context. Mr. Challey.

181b. The Electronic Media (1/2)

An introduction to the history and evolution of the three principal electronic media of the twentieth century, radio, television and the Internet. In each case the course examines the ways the technology and its social context have shaped each other. As a result this course also serves as an introduction to some of the major themes and methodologies in the history of technology. Mr. Challey.

Colloquia

Each colloquium is restricted to a maximum of twenty students. Enrollment is open to all interested students in their junior and senior years, with first priority going to Science, Technology, and Society majors. Science, Technology, and Society colloquia are open to sophomores enrolled in Science, Technology, and Society and to all other sophomores on a space-available basis. Unless stated otherwise, the prerequisite for 200-level courses is 1 unit of 100-level course work or permission of the department (program director or course instructor). The prerequisite for 300-level courses is 1 unit of 200-level work or similar permission.

200b. Science and Technology Studies (1)

An introduction to the multidisciplinary study of contemporary science and technology through selected case studies and key texts representing the major perspectives and methods of analysis, including work by Thomas Kuhn, Karl Popper, Langdon Winner, Robert Merton, Bruno Latour, and Sandra Harding. Some of the issues include the concept of scientific revolution, the nature of "big science" and "high technology," the social construction of science and technology, technological determinism, and the feminist critique of science. Mr. Challey, Mr. McAulay.

Prerequisite: 1 unit of a natural or a social science.

Two 75-minute periods.

- 202a. History of Modern Science and Technology** (1)
A survey of major developments in Western science and technology from 1800 to the present. Major topics include; Laplace and the rise of mathematical physics; the development of thermodynamics; the work of Darwin and Pasteur; Edison and the rise of electrical technology; the theories of relativity and quantum mechanics; the Manhattan Project; plate tectonics and molecular biology; and the development of computers and cybernetics. Special emphasis is placed on the concepts of ‘big science’ and ‘high technology’ and their role in contemporary social and political life. Mr. Challey.
Prerequisite: One unit of science or modern history or permission of instructor.
- 206b. Environmental Biology** (1)
(Same as Biology 206) Mr. Hemmes.
- [226a. Philosophy of Science]** (1)
(Same as Philosophy 226)
Not offered in 2006/07.
- [234b. Disability and Society]** (1)
(Same as Sociology 234) Ms. Miringoff.
Not offered in 2006/07.
- [241a. Feminist Approaches to Science and Technology]** (1)
(Same as Women’s Studies 241)
Not offered in 2006/07.
- [260b. Health, Medicine, and Public Policy]** (1)
(Same as Sociology 260a) Ms. Miringoff.
Not offered in 2006/07.
- 267b. Environmental and Natural Resource Economics** (1)
(Same as Economics 267b) Mr. Lunt.
- [273a. Sociology of the New Economy]** (1)
(Same as Sociology 273) Mr. Nevarez.
Not offered in 2006/07.
- 313a. Women, Science, and Society** (1)
(Same as Sociology 313 and Women’s Studies 313) Ms. Sulik.
- 331a. Seminar in Archaeological Method and Theory** (1)
(Same as Anthropology 331a) Topic for 2006/07: *Technology, Ecology, and Society*. Ms. Johnson.
- 360b. Issues in Bioethics** (1)
Topic for 2006/07: *On the Prospect of a Posthuman Future*. From body piercing and psychotherapy to matchmaking and public schools, human beings have always sought to shape themselves and their children. Emerging genetics and artificial-intelligence based technologies seem like they might radically transform our capacity to pursue that ancient ambition. The aim of this course is to understand the emerging public debate about the prospect of what some are calling our “posthuman future”—and to begin to articulate our own positions vis-a-vis that debate. As sympathetically and critically as possible, it explores the arguments for and against pursuing such a future. We also explore some of the psychological and cultural dimensions of the debate. That is, the course attempts to begin to understand why some arguments hold such great appeal for some people, whereas different arguments hold equally great appeal for others. Mr. Parens.

364b. Seminar on Selected Topics in Law and Technology (1)

(Same as Environmental Studies 364) This course explores the dynamic interrelationship between technology and law, through the study of environmental protection, law and policy. It is designed to analyze the reciprocal effects of our society, a developing jurisprudence and the advancement and use of science and technology on each other. Areas explored include American Constitutional, international, environmental, criminal, and property law. This course is taught using the same Socratic methods used in American law schools. Mr. Triebwasser.

367a. Mind, Culture, and Biology (1)

(Same as Sociology 367) Mr. McAulay.

370b. Feminism and Environmentalism (1)

(Same as Environmental Studies 370 and Women's Studies 370). Ms. Schneiderman.

Self-Instructional Language Program (SILP)

A small number of unusually well-motivated students are permitted to enroll in a program of supervised self-instruction in Hindi, Irish/Gaelic, Korean, Portuguese, Swahili, Swedish, or Yiddish. The Self-Instructional Language Program differs sharply from traditional college-level language instruction both in its limited goals and in its unconventional methods. The aim is almost exclusively to develop an active *oral* command of the language in question. The materials and methods used reflect this emphasis: the textbooks are structured around oral drills; extensive work with tapes is required; there are regularly scheduled oral drill sessions with a native-speaking tutor; and students take mid-term and final examinations each semester.

The exact amount of material to be covered is announced at the beginning of each semester. Drill sessions are planned in accordance with the tutor's schedule, and students are expected to attend regularly. It must be clearly understood that these group meetings with the tutor are intended as *review* sessions of material with which the students are already thoroughly familiar from work with tapes. The tutor's function is to serve as a control and as a model of correct language use. He or she is not to be viewed as a source of information *about* the language. In fact, the entire tutorial is given over to drills and conversation in the foreign language; there will be no classroom instruction in grammatical analysis.

Regular and frequent work with audio materials constitutes the heart of each course in the Self-Instructional Language Program. The appropriate recordings are loaned out at the beginning of the semester or made available online. Students enrolled in this program should count on spending between one and two hours daily drilling with recorded materials.

Beginning, intermediate and advanced spoken Irish/Gaelic, Hindi, Korean, Portuguese, Swahili, Swedish, and Yiddish are offered on this basis when there is an indication of sufficient student interest well in advance of fall registration.

Students may not be enrolled in more than one course in the Self-Instructional Language Program in any semester.

The beginning and intermediate courses in the Self-Instructional Language Program must be taken for a full year. College credit for each semester's work is given upon the recommendation of outside examiners.

Prerequisite: permission of the coordinator of the Self-Instructional Language Program.

Course numbers for Hindi, Irish/Gaelic, Korean, Portuguese, Swahili, Swedish, and Yiddish:

- | | |
|--------------------------------------|-----|
| 105-106. Introductory Language Study | (1) |
| 210-211. Intermediate Language Study | (1) |
| 310-311. Advanced Language Study | (1) |

Sociology

Professors: William Hoynes^a, Eileen Leonard, Marque Miringoff; **Associate Professors:** Pinar Batur^{ab}, Diane Harriford^{ab}, Robert McAulay (Chair), Seungsook Moon; **Assistant Professors:** Light Carruyo, Miranda Martinez, Leonard Nevarez; **Visiting Assistant Professor:** Gayle Sulik; **Visiting Instructor:** Gayle Green.

Requirements for Concentration: 10½ units, including Sociology 151, 247, 254, 2 units at the 300-level, and Sociology 300a-301b.

After declaration of major, no NRO work is permissible in the major.

Senior-Year Requirements: Sociology 300a-301b (for a total of 1 full unit of credit), a senior thesis under the supervision of a member of the department.

Recommendations: Field Work 290.

Advisers: The department.

I. Introductory

151a or b. Introductory Sociology (1)

An introduction to the concepts of sociology rooted in the ideas and thinkers of the classical tradition, exploring their historical meaning and contemporary relevance. The department.

Open to all classes. Required of majors.

140b. The Reinvention of Community (1)

The “end of community” is a key theme in the sociological tradition. Contemporary worries about the decline of trust, and everyday civility, as well as the problems of social isolation and polarization all have a lineage extending back to before the industrial revolution. More recently, proponents of a “community reinvented” have countered the apocalyptic “end” scenario, by showing the many different places and sources where community is being newly reconceptualized. In the course, the class examines competing ideas about the nature of community, and how the concept is used and abused in contemporary American discourse. Ms. Martinez.

180a. Social Problems and Social Policy (1)

(Same as American Culture 180a) This course provides an analysis of a variety of contemporary social problems in the United States. It includes such issues as inequality, crime, family violence, environmental injustice, educational inequities, and health care concerns. The centrality of race, class, and gender are explored in understanding these issues. Throughout the course we closely examine efforts to resolve these pervasive problems through social policy, advocacy, and community innovation. Course materials include sociological writings as well as testimonials, literary texts, and film. Ms. Leonard.

II. Intermediate

Sociology 151 is a prerequisite for all intermediate courses.

[206a. Social Change in the Black Community] (1)

(Same as Africana Studies 206b)

Not offered in 2006/07.

[210b. Domestic Violence] (1)

This course provides a general overview of the prevalence and dynamics of domestic violence in the United States and its effects on battered women. We examine the role of the Battered Women’s Movement in both the development of societal awareness about domestic violence and in the initiation of legal sanctions against it. We also explore and discuss, both from a historical and present day perspective, ways in which our culture covertly and overtly condones the abuse of women by their intimate partners. Ms. DePorto.

Not offered in 2006/07.

^{ab} Absent on leave for the year.

^a Absent on leave, first semester.

[215b. Perspectives on Deviant Subculture] (1)
 Sociology as a discipline offers a variety of perspectives on deviance. In recent years mainstream approaches—Functionalism, Conflict Theory, Social Constructionism and Labeling Theory—have been supplemented by Cultural Studies (Gramscian Marxism) and Post Structuralism (including the ideas of Michel Foucault). These different ways of seeing, analyzing, and interpreting “deviance” are deployed in this course by focusing on various marginal communities and deviant subcultures. In particular we look at traditional as well as new religious movements, bohemian subcultures, and music centered youth culture (punk, hip hop). Other relevant examples and case studies are explored on a selected basis. Mr. McAulay.
 Not offered in 2006/07.

216b. Food, Culture, and Globalization (1)
 This course focuses on the political economy of and the cultural politics of transnational production, distribution, and consumption of food in global cities of the world to understand the complex nature of cultural globalization and its effects on the national, ethnic, and class identities of women and men. Approaching food as material cultural commodities moving across national boundaries, this course examines the following questions. How has food in routine diet been invested with a broad range of meanings and thereby served to define and maintain collective identities of people and social relationships linked to the consumption of food? In what ways and to what extent does eating food satisfy not only basic appetite and epicurean desire, but also social needs for status and belonging? How have powerful corporate interests shaped the health and well being of a large number of people across national boundaries? What roles do symbols and social values play in the public and corporate discourse of health, nutrition, and cultural identities. Ms. Moon.

[221a. Feminism, Knowledge, Praxis] (1)
 (Same as Women’s Studies 221a) How do feminist politics inform how research, pedagogy, and social action are approached? Can feminist insights into issues of power and knowledge, intersecting inequalities, and human agency change the way we understand and represent the social world? We discuss several qualitative approaches used by feminists to document the social world (e.g. ethnography, discourse analysis, oral history). The relationship between knowledge and action is a central concern throughout the course. Ms. Carruyo.
 Not offered in 2006/07.

[229b. Black Intellectual History] (1)
 (Same as Africana Studies 229b.) Ms. Harriford.
 Not offered in 2006/07.

230a. Women and Work (1)
 In this course, we explore women’s role in the workplace; how it has evolved since the advent of the women’s movement; why women have had trouble breaking through the glass ceiling of the corporate world; and how the work/life conflict has impacted women’s ability to move up the career ladder. We do this by exploring a variety of theorists, from Rosabeth Moss Kanter’s classic, *Women and Men of the Corporation*, to Jerry Jacobs’ *Revolving Doors*, to most recently, Joan William’s, *Unbending Gender: Why Family and Work Conflict and What to Do About It*, as well as many others. We also examine a variety of court cases that have attempted to remedy the inequalities in the American workplace. Students are encouraged to study the issues not only from a sociological standpoint, but from a legal and cultural point of view as well. Ms. Green.

[231a. Sociology of Breast Cancer] (1)
 Centering on breast cancer as a case study, this course offers an analysis of cultural, social, and social-psychological factors affecting health status and women’s response to this illness. Placing breast cancer within an historical context, we examine the social transformation of medicine and the history of breast cancer diagnosis and treatment.

In part two we discuss women, their bodies, and the illness experience. Part three addresses the politics of breast cancer, including policies and controversies, the role of economics and pharmaceutical companies, and health care reform as a breast cancer issue. In the final part of the course, we look at the role of women in social change: social movements, representations of survivorship, the role of the 'survivor,' and the union of "women, science, and society." Course material includes scholarly work on the sociology of health and illness, press releases and position statements from the National Breast Cancer Coalition, personal accounts of breast cancer experiences, and representations of breast cancer in the media. Ms. Sulik.

Not offered in 2006/07.

[232. Cultural Sociology] (2)

Drawing on classical and contemporary social and cultural theory, this course explores the importance of culture as a dimension of the social world in which meanings are structured and socially produced at both individual and collective levels. Because culture is always closely intertwined with the patterning of social organization, the course is also concerned with institutional life and the intersection of culture with social structure. Beginning with key theorists, we establish the importance of culture as a vital aspect of the social world. Topics include: The Social Construction of Meaning and Social Distinctions, The Social Construction of Moral Universals and Collective Sentiment, and The Discourse of Civil Society. Ms. Sulik.

Not offered in 2006/07.

233a. Latino Identity Formation in the US (1)

(Same as Urban Studies, Latin American and Latino/a Studies 233a) This course examines the development of Latinos as a distinct group out of the highly diverse population of Latin American background in the US, paying particular attention to the social processes that are shaping and fueling the merging identity. It provides an examination of the processes of cultural creation, and the forces "both global and local" that are fueling an American latinidad. We start by exploring the economic and political factors that have historically fueled the immigration of Latin American peoples to US cities and shaped their incorporation into US society as "Latinos." We also examine differences among different social and cultural formations among emerging Latino communities in Los Angeles, Miami, and New York. Ms. Martinez.

[234a. Disability and Society] (1)

(Same as Science, Technology and Society 234b) The vision of disability has changed radically over the past twenty years. Public policies have been legislated, language has been altered, opportunities have been rethought, a social movement has emerged, problems of discrimination, oppression, and prejudice have been highlighted, and social thinkers have addressed a wide range of issues relating to the representation and portrayal of people with disabilities. This course examines these issues, focusing on the emergence of the disability rights movement, the passage of the Americans with Disabilities Act, the various debates over American Sign Language, "deaf culture," and the student uprising at Gallaudet University and how writers and artists have portrayed people with disabilities.

The course meets for two two-hour sessions each week, one two-hour session is devoted to lecture and discussion of reading materials, the second two-hour session serves as a laboratory for films, speakers, and trips. Ms. Miringoff.

Not offered in 2006/07.

[237b. Community Development] (1)

(Same as Urban Studies 237b) This course provides "hands-on" lessons in community organization, urban inequality, and economic development that are intended to supplement theoretical perspectives offered in other classes. Students examine local efforts to revitalize neighborhoods, provide social services, enhance social capital among residents, and promote homeowner and business investment in the contemporary city. A community development initiative in the City of Poughkeepsie (to be determined) provides the case study around which lectures, readings, and guest speakers are selected.

The course entails a special weekly lab section in which students are required to intern at a local nonprofit, conduct ethnographic fieldwork, or use Geographic Information System analysis in the service of the case study initiative. Students are graded for both their comprehension of course materials (in essays and exams) and their participation in the case study initiative (through fieldwork and reports). Ms. Martinez.

Two 2-hour periods.

Not offered in 2006/07.

[240a. Law and Society] (1)

Law is analyzed in its social context focusing on the relationship between law and social control, and law and social change. Topics discussed include psychiatry and the law, Blacks and the law, and women and the law. The criminal justice system is examined in a comparative framework, emphasizing the role of judges, juries, and particularly lawyers, in society. Ms. Leonard.

Not offered in 2006/07.

247a. Modern Social Theory: Marx, Durkheim, and Weber (1)

(Same as Anthropology 247a and b) This course focuses on a comparison of the principal assumptions and the central concepts contributing to the formation of modern social theory. Readings include selections from Marx, Durkheim, and Weber. Ms. Moon.

[250a. Sex, Gender, and Society] (1)

In the context of general sociological theory, the course analyzes sex roles in various institutional settings. Topics include: the effect of social, cultural and scientific change on traditional notions of male and female; the social construction of masculine and feminine; implications of genetic engineering; interaction of sexual attitudes, sexual practices, and social policy. Ms. Sulik.

Not offered in 2006/07.

251b. Development and Social Change in Latin America (1)

(Same as Latin American and Latino/a Studies 251a.) This course examines the ways in which Latin American and Caribbean nations have defined and pursued development and struggled for social change in the post World-War II era. We use country studies and development theories (including Modernization, Dependency, World-Systems, Feminist and Post-Structuralist) to analyze the extent to which development has been shaped by the tensions between local, national, and international political and economic interests. Within this structural context we focus on people and their relationships to each other and to a variety of issues including work, land, reproductive rights, basic needs, and revolution. Integrating structural analysis with an analysis of lived practice and meaning making allows us to understand development as a process that shapes, but is also shaped by, local actors. Ms. Carruyo.

252a. The Family in Technological Society (1)

In this course we study the family as a private as well as a public entity. Some of the topics we cover are theories of family structure and organization, particularly the nuclear family; marriage, divorce, and cohabitation; parenthood and child care. We also examine recent changes and challenges to the family, in the form of new reproductive technologies, alternate lifestyles, and alternative family forms. We examine these changes in the context of greater economic and cultural changes in our society. Ms. Green.

[253a. Latina/os in the Americas] (1)

(Same as Latin American and Latino/a Studies 253a) This course begins by tracing the history of Latina/o migrations and exposing this process as intimately linked to US involvement in Latin America and the Caribbean. We are attentive to the diversity of Latina/o experiences including those differences based on region, as well as on class, race, gender, sexuality, and migration histories. We explore the ways in which this diverse, growing, and increasingly visible population is challenging demographics and culture in the United States. The second part of the course examines several key

political struggles impacting Latina/os from the Chicano Movement to transnational contemporary issues of labor, education, and environmental justice. Finally, we look at how US Latina/os negotiate issues of identity and create and reshape communities in the US and in Latin America and the Caribbean. Ms. Carruyo.

Not offered in 2006/07.

254b. Research Methods (1)

Examines dilemmas of social inquiry. On what basis are sociological generalizations drawn? What are the ethics of social research? Course includes a critical analysis of research studies as well as an introduction to and practical experience with participant observation, interviewing, questionnaire construction, sampling, experimentation, and available data. Ms. Sulik.

256a. Mass Media and Society (1)

This course takes a critical approach to the study of the production and consumption of mass media, focusing primarily on the United States. Using case studies, the course examines the economic and social organization of mass media, the content of media messages, and the impact various media have on the public. Topics may include: the political economy of television, gender and Hollywood film, music television, competing theories of media spectatorship, the politics of romance novels, the role of noncommercial media. Ms. Sulik.

258a. Race and Ethnicity (1)

(Same as Africana Studies 258b) An examination of racial and ethnic minorities in the United States. Focus is on the social forces behind institutional dominance and minority group responses, assimilation versus cultural pluralism, and collective movements for social change. Policy implementation of affirmative action, busing, I.Q. testing, genetic screening and birth control. Ms. Martinez.

259a. Social Stratification (1)

In this course we examine how social prestige and power are unequally distributed in societies of the past and present. We discuss how control of property and the means of production contribute to a system of inequality. We also analyze the role of commodities in a consumerist society and the relationship of consumption to stratification. We also discuss the concepts of class formation, class consciousness, and class struggle. Additionally, we examine how race and gender serve to contribute to stratification. Ms. Green.

[260b. Health, Medicine, and Public Policy] (1)

(Same as Science, Technology, and Society 260a) The Black Death killed approximately one-third of Europe. AIDS has devastated parts of the modern world. Asthma has been rising in our urban centers. This year the course includes a special section on the concept of epidemic (both infectious diseases and environmental disorders) in order to illuminate the interactions between health, medicine, and public policy. Through various examples of epidemics, including the tuberculosis epidemic of New York City, the influenza epidemic of 1918, and the fears raised by contagion (Typhoid Mary), we examine the concept of health as a social construct and medicine as a social institution. The final section of the course addresses the issues of health care policy, the problems of the uninsured, the debates over national health insurance systems, and prospects for the future. Ms. Miringoff.

Not offered in 2006/07.

263b. Criminology (1)

The course consists of a consideration of the nature and scope of criminology as well as an historical treatment of the theories of crime causation and the relation of theory to research and the treatment of the criminal. Ms. Leonard.

264a. Social Welfare and Social Policy: Perceptions of Poverty (1)

During the past several years, the foundations of American social welfare policy have changed. New, more restrictive social policies have been implemented, we have “ended welfare as we knew it,” and created a new social landscape. This course is designed to give a social, historical, and theoretical understanding of how these changes came about and what they represent. Questions to be discussed include the following: What are the origins of the welfare state? What are the philosophical debates surrounding helping people in need? How is social policy created? What are the underlying assumptions of different social policies? What have been the key successes and failures of social policy? How are issues such as hunger, homelessness, and the feminization of poverty conceptualized today? How have other nations addressed key policy issues? Ms. Miringoff.

[265b. News Media in America] (1)

This course joins the ongoing debate about the meaning of press freedom and explores the relationship between news and democracy. It will examine how the news media operate in American society and will assess how well the current media are serving the information needs of citizens. Topics may include: the meaning of “objectivity,” the relationship between journalists and sources, news and public opinion, ownership of news media, the relationship between news and advertising, propaganda and news management, and the role of alternative media. Mr. Hoynes.

Not offered in 2006/07.

[267a. Religion, Culture, and Society] (1)

(Same as Religion 267)

Not offered in 2006/07.

268b. Sociology of Black Religion (1)

(Same as Africana Studies 268 and Religion 268)

270b. Drugs, Culture, and Society (1)

An examination of drug use and its symbolic importance in American society viewed in light of pertinent historical and cross-cultural material. Includes discussion of problems linked with licit and illicit, recreational, social control, and medicinal use of drugs, as well as with political and legal dimension of drug controversies. Mr. McAulay.

[273a. Sociology of the New Economy] (1)

(Same as Science, Technology and Society 273a) The new economy is, in one sense, a very old concern of sociology. Since the discipline’s nineteenth century origins, sociologists have traditionally studied how changes in material production and economic relations impact the ways that people live, work, understand their lives, and relate to one another. However, current interests in the new economy center upon something new: a flexible, “just in time” mode of industry and consumerism made possible by information technologies and related organizational innovations. The logic of this new economy, as well as its consequences for society, are the subject of this course. Topics include the roles of technology in the workplace, labor markets, and globalization; the emerging “creative class”; the digital divides in technology access, education, and community; high-tech lifestyles and privacy; and the cutting edges of consumerism. Mr. Nevarez.

Not offered in 2006/07.

280b. Sociology of Sport (1)

This course examines the role of sport in society, both in the United States as well as in other countries. We begin with an examination of the relevance of sport to both society as a whole, through the creation of group identity and solidarity and its importance to the construction of gendered identity in individuals. Other topics include studying how an activity comes to be defined as a sport, using competitive cheerleading as an example; the relationship of sports to violence, using soccer hooligans in the UK as well as the recent spate of violent acts committed by parents of children involved in

competitive sports as case studies; the Olympics as a site where national identity and position in the world 'pecking order' is both contested and reified; and the complex relationship of sport to masculinity, using the recent scandal in Major League Baseball regarding steroids as one example. Ms. Green.

283b. Quality of Life (1)

In a world of cultural diversity, uneven development, and political conflict, enhancing quality of life is arguably the unifying principle in our ambitions for social planning and personal lifestyle. But just what does "quality of life" mean? How did it become a preeminent concern for policy-makers and the public at large? And what is at stake if we subordinate other conceptions of the common good to this most subjective and individualistic of ideas? This course takes up these questions through an examination of quality of life's conceptual dimensions and social contexts. Topics include global development policy, patient-doctor conflicts over the right to die, the pressures of work-life balance, the influence of consumer marketing, the voluntary simplicity movement, the "quality of life city," and the cultural divides between conservative "Red States" and liberal "Blue States." Mr. Nevarez.

287b. Sociology of Consumption (1)

(Same as Urban Studies 287b) The term 'consumer society' describes the unprecedented centrality of consumption to our daily lives, our public spaces, our politics, and our personal and civic identities. Whereas in a previous era our identities were defined by our productive role, today what and how much we consume define us. This course uses social theory and case studies to examine the implications of the consumer society, and the changing meaning of fundamental concepts such as choice, identity, needs, and cultural reproduction. We also examine the social dilemmas of consumption created by growing class and ethnic inequality, and stalled social mobility. Ms. Martinez.

288b. White Identity (1)

This course analyzes the essence of white identity from a sociological perspective. We examine the historical process by which a white racial identity was created, the relation of culture to white identity, the social relations of privilege, the ideological tensions of capitalism, and the processes of social change. The objectives are: a) to expose students to theory and literature in the emerging area of whiteness studies while remaining grounded in a sociological perspective, b) to foster students' ability to position themselves on the multiple axes of race, gender, and class, and c) to help students gain an understanding of the role they play in maintaining and resisting social inequality. Key authors include: Theodore Allen, Kathleen Blee, James Baldwin, W.E.B. DuBois, Georg Lipsitz, Toni Morrison, Adrienne Rich, and David Roediger. Ms. Sulik.

290a or b. Field Work (½ or 1)

Individual project of reading or research. The department.

May be elected during the college year or during the summer.

Special permission. Unscheduled.

298a or b. Independent Work (½ or 1)

Individual project of reading or research. The department.

May be elected during the college year or during the summer.

Special permission. Unscheduled.

III. Advanced

Permission for 300-level course: Sociology 151 and 1 unit of 200-level work, or permission of instructor.

300a-301b. Senior Thesis (½)

The department.

[305b. The Social Construction of Race in the US] (1)

This course examines the social construction of race in the United States from the beginning of the nineteenth century to the present. The course focuses on changing racial meanings and identities of specific socio-historical groups and the ways in which social institutions interpret and reinterpret race over time. Contemporary issues addressed include: the construction of “whiteness,” the making of model minorities, and the emergence of the “mixed race” category. Readings may include Cooper, DuBois, bell hooks, Omni and Winant, Gilroy and Roediger. Ms. Harriford.

Not offered in 2006/07.

306b. Women’s Movements in Asia (1)

(Same as Asian Studies and Women’s Studies 306a) This interdisciplinary course examines the reemergence of women’s movements in contemporary Asia by focusing on their cultural and historical contexts that go beyond the theory of “resource mobilization.” Drawing upon case studies from Korea, Japan, India, and China, it traces the rise of feminist consciousness and women’s movements at the turn of the twentieth century, and then analyzes the relationships between contemporary women’s movements and the following topics: nationalism, political democratization, capitalist industrialization, ambivalence toward modernization, and postmodern conditions. Ms. Moon.

[308b. Nation, Race, and Gender in Latin America and the Caribbean] (1)

(Same as Latin American and Latino/a Studies 308b) With a focus on Latin America and the Spanish speaking Caribbean this course traces and analyzes the ways in which the project of nation building creates and draws upon narratives about race and gender. While our focus is Latin America, our study considers racial and gender formations within the context of the world-system. We are interested in how a complicated history of colonialization, independence, post-coloniality, and “globalization” has intersected with national economics, politics, communities, and identities. In order to get at these intersections we examine a range of texts dealing with policy, national literatures, common sense, and political struggle. Specific issues to be addressed include the relationship between socio-biological theories of race and Latin American notions of mestizaje, discursive and material whitening, the myth of racial democracy, sexuality and morality, and border politics. Ms. Carruyo.

Prerequisite: Permission of the Instructor.

Not offered in 2006/07.

[310a. Comparative Cultural Institutions] (1)

This course examines a variety of cultural institutions including the family, religion, education, politics, and art within selected societies. Methods of comparative analysis are examined and applied. Ms. Leonard.

Not offered in 2006/07.

312b. Corporate Power (1)

This seminar investigates how corporations exert power over society outside of their place in the market. We review the evolution of the corporation, from the late eighteenth century concern over “big business” to globalization in the present day, and examine competing theories and methodologies with which social researchers have explained the power of business. Topics and literatures include corporate citizenship and philanthropy, capitalist networks and organizations, the cult of the “charismatic CEO,” and the countervailing power of today’s investor capitalism. Mr. Nevarez.

313b. Women, Science, and Society (1)

(Same as Science, Technology, and Society, and Women’s Studies 313b) The discourses of science and medicine are a powerful influence on constructions of the female body, and on what it means to be a woman. Within the fields of biology and biomedicine, the notion of the biological body as a universal, stable entity has claimed a neutral status. This course examines the perspectives of feminist scientists, sociologists, and historians who understand science as a fully social process that is culturally and ideologically situated. Key authors include Linda Blum, Anne Fausto-Sterling, Donna

Haraway, Sandra Harding, Ruth Hubbard, Barbara Katz-Rothman, Sue Rosser, and Bonnie Spanier. Ms. Sulik.

[356b. Culture, Commerce, and the Public Sphere] (1)

(Same as Media Studies 356a) This course examines the culture and politics of the public sphere, with an emphasis on the changing status of public spaces in contemporary societies. Drawing upon historical and current analyses, we explore such issues as the relationship between public and commercial space and the role of public discourse in democratic theory. Case studies investigate such sites as mass media, schools, shopping malls, cyberspace, libraries, and public parks in relation to questions of economic inequality, political participation, privatization, and consumer culture. Mr. Hoynes.

Not offered in 2006/07.

[357b. Labor, Work, and Social Change] (1)

A sociological analysis of how the global economy has affected the nature of work in modern society. Key issues include downsizing, the increase in service sector employment, the contingent economy, the working poor, sweatshop labor, historical and contemporary issues in labor union organizing, alienation in the workplace, and the current debate over workfare. Ms. Miringoff.

Not offered in 2005/06.

365b. Class, Culture, and Power (1)

This course examines central debates in the sociology of culture, with a particular focus on the complex intersection between the domain of culture and questions of class and power. Topics include: the meaning and significance of "cultural capital," the power of ideology, the role of the professional class, working class culture, class reproduction, gender and class relations, and the future of both cultural politics and cultural studies. Readings may include Gramsci, Bourdieu, Gitlin, Aronowitz, Fiske, Willis, and Stuart Hall. Mr. Hoynes.

367a. Mind, Culture, and Biology (1)

(Same as Science, Technology and Society 367a) Increasingly in recent years sociobiology and evolutionary psychology have emerged at the center of modern science-based opposition to social constructionist and post-modernist thinking. Nowhere is this challenge more pointed than in the use of evolutionary approaches to account for patterns of human culture including standards of beauty, ethical systems, and religious belief. This course examines and analyzes basic arguments regarding the biological basis of deception, self interest, cooperation, and morality. Advanced topics include the feasibility of Darwinian history and literary analysis, the study of Judaism as an evolutionary strategy, challenges posed by evolutionary thinking to the social construction of gender, as well as intriguing efforts to synthesize postmodernist and evolutionary perspectives. Mr. McAulay.

[368b. Toxic Futures: From Social Theory to Environmental Theory] (1)

The central aim of this class is to examine the foundations of the discourse on society and nature in social theory and environmental theory to explore two questions. The first question is how does social theory approach the construction of the future, and the second question is how has this construction informed the present debates on the impact of industrialization, urbanization, state-building and collective movements on the environment? In this context, the class focuses on how social theory informs different articulations of Environmental Thought and its political and epistemological fragmentation and the limits of praxis, as well as its contemporary construction of alternative futures. Ms. Batur.

Not offered in 2006/07.

380a. Art, War, and Social Change (1)

Can the arts serve as a vehicle for social change? In this course we look at one specific arena to consider this question: the issue of war. How is war envisioned and re

envisioned by art and artists? How do artists make statements about the meaning of war and the quest for peace? Can artists frame our views about the consequences and costs of war? How are wars remembered, and with what significance? Specifically, we look at four wars and their social and artistic interpretations, wrought through memory and metaphor. These are: The Vietnam War, its photography and its famous memorial; World War I and the desolation of the novels and poetry that portrayed it; World War II and reflections on Hiroshima; and the Spanish Civil War through Picasso's famous anti war painting Guernica, the recollections of Ernest Hemingway, the memories of the Abraham Lincoln Brigade, and the photography of Robert Capa. By looking at both the Sociology of Art and Sociology of War we consider where the crucial intersections lie. Ms. Miringoff.

[382a. Sociology of the Body] (1)

The body has begun to intrude into social space in a more visible way as individuals fashion and present themselves in and through their bodies. As a domain of the self to be reconfigured, managed, and pleased, the body is considered a social fact, both natural and cultural. This course explores theoretical approaches to the body. Topics include: 1) Social theory and history of the body, e.g., the mind/body dualism, discourse, and cultural inscriptions on the body; 2) The body and the Self, including woman as body; the male body, sexualities, alter/ed bodies, and the search for identity through the body; 3) The body in society, e.g., bodies as consumer culture, politics of the body, and regulation of the body, and bodies in social space, and 4) Performing the body, i.e., exploring how the body becomes the site for asserting, imposing, performing, challenging and destabilizing categories of gender, race/ethnicity and sexuality. Students learn to use reflections on their own embodied experience as sources for conceptualization and applied deconstruction. Ms. Sulik.

Not offered in 2006/07.

383a. Community in Theory and Practice (1)

Community is a fundamental sociological concept. Despite its importance, community remains an ambiguous concept, and within the field there are profound disagreements about defining its attributes, as well as the degree to which it remains relevant in advanced industrial societies. The course explores the "classic" pieces of literature in the field as well as provides an overview of more recent theoretical developments and debates in community sociology. We critically examine "community" as a theoretical concept, and the major paradigms that attempt to analyze the social forces that are currently effecting community change in advanced industrial nations. Finally, we look at the debates over the normative value of community, including the resurgence of communitarian theory, and the poststructuralist challenge to the concept of a unitary community. Ms. Martinez.

[384b. Black Marxism] (1)

The growth of global racism suggests the symmetry of the expansion of capitalism and the globalization of racial hierarchy. In this context, global racism works to shatter possibilities for solidarity, distort the meaning of justice, alter the context of wrong, and makes it possible for people to claim ignorance of past and present racial atrocities, discrimination, exclusion, oppression, and genocide. By concentrating on the works of Black Marxist intellectuals, this course examines the discourse of confrontation, and the impact of Black Marxist thought in contributing to anti-racist knowledge, theory, and action. Ms. Batur.

Not offered in 2006/07.

385a. Women, Culture, and Development (1)

(Same as Women's Studies 385a) This course examines the ongoing debates within development studies about how integration into the global economy is experienced by women around the world. Drawing on gender studies, cultural studies, and global political economy, we explore the multiple ways in which women struggle to secure well-being, challenge injustice, and live meaningful lives. Ms. Carruyo.

386b. Men and Masculinities**(1)**

This course is intended to be an in-depth view into the emerging field of men's studies. In pursuit of that goal, we take an interdisciplinary perspective: studying theorists such as sociologists Robert Connell and Michael Kimmel, psychologists such as Joseph Pleck, as well as literary figures such as Robert Bly. We explore popular representations of men, examining such works as the "Rabbit" series by John Updike; as well as studying some recent men's movements, for example, the Promise Keepers movement. This course should illuminate how gender is salient for men as well as women, making masculinity visible in our studies of the human experience. Ms. Green.

399a or b. Senior Independent Work**(½ or 1)**

Individual project of reading or research. May be elected during the college year or during the summer. The department.

Special permission. Unscheduled.

Anthropology-Sociology concentration, see page 94.

Spanish

For curricular offerings, see Hispanic Studies, page 230.

Urban Studies

Director: Pinar Batur (Sociology); **Steering Committee:** Nicholas Adams (Art), Lisa Brawley (Urban Studies), Heesok Chang (English), Brian Godfrey (Geography), Michael Joyce (English), Timothy H. Koechlin (Economics), Miranda Martinez (Sociology), Leonard Nevarez (Sociology), Thomas Porcello (Anthropology), Christopher Roellke (Education), Jonathan Rork (Economics), Tyrone R. Simpson (English); **Participating Faculty:** Joyce Bickerstaff (Africana Studies and Education), Andrew Bush (Hispanic Studies), James Challey (Science, Technology and Society and Physics), Lisa Collins (Art), Peter Leonard (Field Work), Tiffany Lightbourn (Sociology), Marque Miringoff (Sociology), Sidney Plotkin (Political Science), Robin Trainor (Education).

The Urban Studies Program is designed as a multidisciplinary concentration in the study of cities and urbanization. Students examine the development of cities and their surrounding regions; the role of cities in the history of civilization; the social problems of urban life; the design of the built environment; and past and present efforts at planning for the future of urban societies. There are four major purposes of the program: (1) to introduce students to a temporal range and spatial variety of urban experience and phenomena; (2) to equip students with methodological tools to enable them to investigate and analyze urban issues; (3) to engage students experientially in a facet of the urban experience; and (4) to develop within the student a deeper grasp of these issues through advanced study within at least two disciplinary approaches.

Requirements for Concentration:

1) 14 units, including Introduction to Urban Studies (100), one unit of Urban Theory and the Senior Seminar.

2) One unit of Research Methods appropriate to the student's concentration in Urban Studies, chosen from Anthropology 245, Art 102-103, Art 275/276, Economics 209, Geography 220, Geography 222, Political Science 207, or Psychology 200, or Sociology 254.

3) Disciplinary Cluster. Four units at the 200-level, with 2 units taken from two separate disciplinary areas related to Urban Studies, i.e., Architecture, Art, Economics, Geography, History, Political Science, Sociology, etc., including other Multi-disciplinaries. In addition, two units at the 300-level, from two separate disciplines, reflecting the intellectual path set by the 200-level courses.

4) Urban Studies Cluster. Two units at the 200-level, originating in Urban Studies or cross-listed with Urban Studies.

5) One unit of fieldwork.

6) Senior Thesis. One unit, two semester length requirement, to be considered for honors in Urban Studies. Majors will have the option of taking one additional 300 level course, instead of the Senior thesis, in the disciplinary concentration or in Urban Studies.

Recommendations for the Major:

1. Foreign Language. Competency through the third year college level, as demonstrated by completion of the relevant courses or examination.

2. Structured Study Away Experience. This is especially recommended for those who are interested in architecture and/or global, historical and comparative issues, and area studies.

3. Outside of Major Course work. This includes Introduction to Macroeconomics and Introduction to Microeconomics, study of aesthetics, ethics and social and political philosophy, and study of theories of confrontation and liberation, concentrating on class movements, critical race theory, anti-racism, feminist theory, queer theory and environmental theory.

Requirements for Correlate Sequence: Six units including Urban Studies 100, which should be taken no later than the Junior year, one unit of Urban Studies 200, two 200-level courses, reflecting the concentration of the student in the Urban Studies correlate, two 300-level courses in accordance with the intellectual path set by the 200-level work. No more than two transfer units may be credited towards the sequence. No more than one unit may overlap with the major.

After declaration of the major or correlate sequence, no NRO work will be permissible or applicable to the major.

I. Core Courses

100b. Introduction to Urban Studies (1)

This course is an introduction to the debates on historical alteration of urban space and its cross cultural expressions. By concentrating on urban contradictions, topics include formation and perpetuation of hierarchy in space, and its political, economic social and cultural manifestations and contesting movements. The specific requirements of the course entail study of the debates, including their methodology, with an emphasis on the connection between theory and research. The course is coordinated by one faculty member in cooperation with the Urban Studies Program faculty. Mr. Nevarez.

200a. Urban Theory (1)

This course reviews the development of theories regarding human behavior in cities and the production of space. The course spans the twentieth century, from the industrial city to the themed spaces of contemporary cities. Literature and topics examined to include the German school, urban ecology, debates in planning and architecture, political economy, and the cultural turns in urban studies. Ms. Brawley.

Prerequisite: Urban Studies 100.

213a. Urban Planning and Practice (1)

An introduction to planning and practice. Course examines successful and unsuccessful cases of urban and regional planning events, compares and evaluates current growth management techniques, and explores a wide variety of planning methods and standards. Topics include citizen participation, goal setting, state and local land use management approaches, environmental protection measures, affordable housing strategies, transportation, and urban design. Mr. Akeley.

218b. Urban Economics (1)

(Same as Economics 218).

Prerequisite: Economics 101. Mr. Rork.

233a. Latino Identity Formation (1)

(Same as Sociology 233 and Latin American and Latino/a Studies 233). Ms. Martinez.

[237b. Community Development] (1)

(Same as Sociology 237) Ms. Martinez.

Not offered in 2006/07.

[245a. Ethnographer's Craft] (1)

(Same as Anthropology 245) The department.

Not offered in 2006/07.

250a. Urban Geography: Built Environment, Social Space, and Sustainability (1)

(Same as Geography 250) Mr. Godfrey.

[260b. The Urban Plan] (1)

This course is an introduction to the concepts of urban *planning* as seen through the examination of specific urban plans. Cities are studied both in time and space, in order to better understand both the evolution of urban form, and the multiple, often conflicting readings of the city. The first half of the semester focuses upon "core cities", the second half, "sprawl city". Each week focuses upon a single example as a case study. By looking at specific case studies, the seminar seeks to explore the full range of possibilities within the changing notion of the urban plan. Mr. Ripel.

Not offered in 2006/07.

[262b. Architect as Tourist]

(1)

The "Architect as Tourist" examines the role of tourism in how architects and theorists have looked at the city. This examination provides a critical angle with which to approach the seminal architectural writings of the past century. The timeframe of the seminar spans from the eighteenth century *grand tour* to present, along the way touching upon the work of Le Corbusier, Aldo Van Eyck, Reyner Banham, Robert Venturi and Denise Scott Brown, Aldo Rossi, Rem Koolhaas and others. Susan Fainstein's *Tourist City* and Dean MacCannel's *The Tourist* provide a framework for the class. The seminar explores both the value and the danger of the tourist gaze when disguised by professional credentials. As part of the course requirements, students make a trip to New York City to conduct research for their own manifesto on the city. Mr. Ripel.

Not offered in 2006/07.

[266b. The American City: Understanding Life in the Urban Maze]

(1)

This course attempts to combat the profound disorientation that the American city causes its observers by offering a sustained exercise in urban cognitive mapping. Spatial theorist Henri Lefebvre advises that a tripartite anatomization of the city is necessary to diminish the extent to which the metropole may mystify those who confront it. He encourages students to understand how the city has been conceived, perceived, and lived. The course adheres to Lefebvre's recommendations by first exploring the theory and mission that underwrote the city's emergence. Students become familiar with what forces led to urban agglomerations and what plans enabled the birth of metropolitan spaces. Second, students review the writings of a broad range of interlocutors from whom the city motivated comment. Mr. Simpson.

Not offered in 2006/07.

269b. Shades of the Urban

(1)

This course on the twentieth century urban American novel would richly contextualize works such as *Call It Sleep* (1934, Henry Roth), *If He Hollers Let Him Go* (1945, Chester Himes), and *Bodega Dreams* (2000, Ernesto Quinonez) to demonstrate the parallel phenomena (mass culture, exploited labor, social stigma, spatial and psychic claustrophobia) various working class ethnic communities have encountered while negotiating the challenges of urban life and assimilation into American society. Mr. Simpson.

[276b. Gender and Social Space]

(1)

(Same as Women Studies 276) This course explores the ways in which gender informs the spatial organization of daily life; the interrelation of gender and key spatial forms and practices such as the home, the city, the hotel, migration, shopping, community activism, and walking at night. It draws on feminist theoretical work from diverse fields such as geography, architecture, anthropology and urban studies not only to begin to map the gendered divisions of the social world but also to understand gender itself as a spatial practice. Ms. Brawley.

Special permission.

Not offered in 2006/07.

283b. The Multiple Modes of Black Urbanism

(1)

This course explores the black encounter with the American city. The class draws from a wide range of scholarship in the humanities. We look at historical examples in which cities have functioned in the political interests of Blacks, such as antebellum Boston and its radical abolitionism. We review the wide range of sociological scholarship—from W.E.B. DuBois to William Julius Wilson—that has cast the urban as a besieged chocolate space. We review the work of anthropologists such as John Jackson and Steven Gregory that account for black encounter with gentrification and urban change. The course culminates with a critical look at black cultural uses of the city, among them, graffiti, hip hop, sports, religion, and music. Mr. Simpson.

290a or b. Field Work

(½ or 1)

Individual projects through field work office, under supervision of one of the participating instructors. May be elected during the college year or during the summer. Special permission. Unscheduled.

300a. and 301b. Senior Thesis

(1)

A thesis written in two semesters for one unit. The Program.

340a. Advanced Urban and Regional Studies

(1)

(Same as Geography 340)

Topic for 2006/07: *Biodiversity in the Peri-Urban Environment*. Ms. Cunningham.

345b. African American Migrations: Movement, Creativity, Struggle, and Change

(1)

(Same as Africana Studies 345) Ms. Collins.

350b. New York City as a Social Laboratory

(1)

In a classic essay on urban studies, sociologist Robert Park once called the city “a laboratory or clinic in which human nature and social processes may be conveniently and profitably studied.” The scale, dynamism, and complexity of New York City make it a social laboratory without equal. This seminar provides a multidisciplinary inquiry into New York City as a case study in selected urban issues. Classroom meetings are combined with the field-based investigations that are a hallmark of Urban Studies. Site visits in New York City allow meetings with scholars, officials, developers, community leaders and others actively involved in urban affairs. Topics for the seminar may change from year to year, in which case the course may be repeated for credit.

(Same as Media Studies 350) Topic for 2006/07: *The City in Fragments*. In this seminar, we use the concept of the fragment to explore the contemporary city, and vice versa. We draw on the work of Walter Benjamin, for whom the fragment was both a central symptom of urban modernity and a potentially radical mode of inquiry. We also use the figure of the fragment to explore and to experiment with the situationist urbanism of Guy Debord, to address the failure of modernist dreams for the city, and to reframe the question of the “global” in contemporary discussions of global urbanization. Finally, we use the fragment to destabilize notions of experience and evidence—so central to positivist understandings of the city—as we make regular visits to discover, as it were, non-monumental New York. Readings include works by Walter Benjamin, Stefano Boeri, Christine Boyer, Guy Debord, Rosalyb Deytsche, Paul Gilroy, Rem Koolhaas, Henri Lefebvre, Thomas Lacquer, Saskia Sassen, Mark Wigley, and others. Ms. Brawley, Mr. Chang.

Prerequisite: Permission of the instructor.

[365b. Gods of the City: Religion in America]

(1)

(Same as Religion 365) Ms. Weisenfeld.

Not offered in 2006/07.

367b. Urban Education Reform

(1)

(Same as Education 367)

Prerequisite: Education 235 or permission of instructor

One 2-hour period.

370b. Topics in Human Geography

(1)

(Same as Geography 370)

Topic for 2006/07: *From Mega-Cities to Eco Cities? Environmental History, Planning, and Sustainability*.

380a. Poughkeepsie Institute

(1)

This course is limited to five students from each of the participating Poughkeepsie Institute’s colleges: Dutchess Community, Marist, SUNY New Paltz, and The Culinary Institute of America and Vassar. The class meets on Wednesday evenings from 4:00 to

7:00 PM at the Children's Media Project, on Academy Street in Poughkeepsie. The topics for the Institute may change from year to year in which case the course may be repeated for credit.

Topic for 2006/07: *The Civic Effects of Religious Communities in Poughkeepsie*. This team-taught, intercollegiate, multi-disciplinary course is examination and analysis way in which religious communities affect the daily life and social structures in Poughkeepsie. There is special emphasis on the diversity of the religious communities and how they relate to each other and to social action. Besides extensive reading, the course requires direct, hands-on student research resulting in cooperative reporting in a written report and a short film. There is an end of the semester press conference and presentation of the finding to the political leaders of Poughkeepsie. Mr. Leonard, Ms. Marewski.

Special permission.

Prerequisite: permission of instructor.

Limited to 5 students.

[381a. The Psychological Experience of Migration] (1)

(Same as Psychology 381) Ms. Lightbourn.

Not offered in 2006/07.

386a. Senior Seminar (1)

This course concentrates on advanced debates in Urban Studies and is designed to encourage students to produce research/grant proposals for projects in Urban Studies. Topics vary according to instructor. This seminar is required of all Urban Studies majors.

Topic for 2006/07: *Urban Praxis*. This class is about urban praxis, putting theory into action in the context of knowledge. Our focus changes according to the urban problem that the class chooses to study in a given year. The program.

Prerequisite: Special permission.

[388b. Prejudice, Racism, and Social Policy] (1)

(Same as Psychology 388 and Africana Studies 388) Prejudice and racism is one of the most enduring and widespread social problems facing the world today. This course tackles prejudice and racism from a social psychological perspective, and aims to give students an understanding of the theoretical causes, consequences, and 'cures' of this pervasive phenomenon. We review the empirical work on stereotyping, prejudice, and discrimination and then explore real-world examples of these principles in action in the policy realm. In particular we examine historical and contemporary cases that relate to ideas about race and ethnicity in a national and global context. Topics covered may include affirmative action, segregation/desegregation, bilingual education, urban policy, US immigration policy, US foreign policy in Rwanda and Yugoslavia, etc. This course is intended to help upper-level students acquire the theoretical tools with which to analyze prejudice and racism research and the development of public policies. Ms. Lightbourn.

Not offered in 2006/07.

II. Independent Work

298a or b. Independent Work (½ or 1)

Individual project of reading or research, under supervision of one of the participating instructors.

399a or b. Senior Independent Work (½ or 1)

Independent project of reading or research under supervision of one of the participating instructors.

Victorian Studies

Coordinator: Beth Darlington (English); **Advisers:** Brian Lukacher (Art), Susan Brisman, Beth Darlington, Wendy Graham, Susan Zlotnick (English), Lydia Murdoch (History), Michael Pisani (Music).

The interdepartmental program in Victorian Studies is designed to enable students to combine courses offered in several departments with independent work and, through an interdisciplinary approach, to examine the assumptions, ideas, ideals, institutions, society, and culture of nineteenth-century Britain, a complex society undergoing rapid transition at the height of global power.

Requirements for Concentration: 12 units, courses at all three levels of instruction (100-, 200-, and 300-level), at least 4 courses from the required category of courses, and at least 4 courses at the 300-level, one of which must be the senior thesis. The senior thesis is a long research paper, interdisciplinary in nature, and written under the direction and guidance of two faculty members from two departments. Three of the 12 units for the major may be taken from courses dealing with countries other than Britain (students should see the coordinator for a list of such courses). Study in Britain may be desirable for qualified students.

Requirements for Correlate Sequence: The correlate sequence in Victorian Studies requires six graded units beyond the 100-level from at least two disciplines. History 254, Victorian Britain, must be included in the sequence. In addition a minimum of three units must be selected from the list of required courses and two may be selected from the list of recommended courses. At least one of the six units must be at the 300-level. After declaration of the correlate sequence no courses may be taken NRO for its completion. Students wishing to pursue a correlate should contact the coordinator of the program.

Required Courses

At least 3 units from the following, in two disciplines, plus interdepartmental Victorian Studies 300, Senior Thesis:

English 248	The Age of Romanticism, 1789-1832	(1)
English 249	Victorian Literature: Culture and Anarchy	(1)
English 250	Victorian Poets: Eminent, Decadent, and Obscure	(1)
English 255	Nineteenth-Century British Novels	(1)
English 351	Studies in Nineteenth-Century British Literature	(1)
English 352, 353	Romantic Poets	(1)
History 121a or b	Readings in Modern European History	(1)
History 151b	British History: James I (1603) to the Great War	(1)
History 254a	Victorian Britain	(1)
History 355a	Childhood and Children in Nineteenth-Century Britain	(1)
Interdepartmental Victorian Studies 300a. Senior Thesis		(1 or 2)

Recommended Courses

Art 262a	Art and Revolution in Europe 1789-1848	(1)
Art 263b	Painters of Modern Life: Realism, Impressionism, Symbolism	(1)
Art 362a	Seminar in Nineteenth-Century Art	(1)
English 261	The Literary Revival in Ireland, 1885-1922	(1)
History 255	The British Empire	(1)
Philosophy 205	Nineteenth Century Philosophy	(1)

Supplemental (Non-British) Courses

For a list of over 30 courses, any three of which may count towards the major, see the coordinator.

Women's Studies

Director: Colleen Ballerino Cohen; **Steering Committee:** Light Carruyo (Sociology), Kristin Sanchez Carter (English), Miriam Cohen (History), Leslie Dunn (English), Diane Harriford (Sociology), Susan Hiner (French), Lydia Murdoch (History), Barbara Page (English), Karen Robertson (English/Women's Studies), Denise Walen (Drama), Laura Yow (English), Susan Zlotnick (English); **Members of the Program:** Elizabeth Arlyck (French), Rodica Blumenfeld (Italian), Light Carryo (Sociology), Kristin Sanchez Carter (English), Colleen Ballerino Cohen (Anthropology/Women's Studies), Miriam Cohen (History), Lisa Collins (Art), Leslie Dunn (English), Susan Hiner (French), Jean Kane (English), Eileen Leonard (Sociology), Kathryn Libin (Music), Mia Mask (Film), Seungsook Moon (Sociology), Lydia Murdoch (History), Leslie Offutt (History), Lisa Paravisini-Gebert (Hispanic Studies), Christine Reno (French), Karen Robertson (English/Women's Studies), Jill Schneiderman (Geography/Geology), Mary Shanley (Political Science), Denise Walen (Drama), Jami Weinstein (Philosophy/Women's Studies), Laura Yow (English), Susan Zlotnick (English). Subject to change.

Students who wish to concentrate in the multidisciplinary program in Women's Studies or elect the correlate sequence should consult the director of the program. With an adviser or advisers in the program, applicants plan a course of study, tailored to their particular interests and needs in the field. The concentration or correlate sequence must be approved by the adviser or advisers and the director of the program.

Requirements for Concentration: 12 units elected from at least three disciplines, including: (1) Women's Studies 130, Introduction to Women's Studies; (2) 1 unit in feminist theory. Feminist theory courses include Philosophy 250, Political Science 278, Political Science 376; (3) 1 unit selected from Women's Studies 240, 241, or 251; (4) Women's Studies 300, a 1-unit essay or project in the senior year; (5) 3 additional units at the 300-level from the list of Approved Courses. These courses must be taken in at least two departments or one department and the Women's Studies Program; (6) 5 additional courses from the list of Approved Courses or the program's General courses. All courses should be chosen in consultation with the adviser or the director of the program. No required courses for a concentration in Women's Studies may be taken NRO, and no more than 3 units may be taken as ungraded work. The senior essay is graded.

Requirements for the Correlate Sequence: 6 graded units including: (1) Women's Studies 130, Introduction to Women's Studies; (2) 1 unit in feminist theory. Feminist theory courses include Philosophy 250, Political Science 278, Political Science 376; (3) 4 other courses from the list of Approved Courses, germane to the focus of the correlate sequence. No more than 2 units may be taken at the 100-level and at least 1 unit must be at the 300-level.

Courses taken in the major may also fulfill requirements in the correlate sequence, but the sequence taken must include courses from at least three departments. It is recommended that the correlate sequence adhere as closely as possible to the plan outlined below.

Freshman or Sophomore	130 Introduction to Women's Studies
Sophomore and Junior	200-level courses germane to the sequence
Junior	a course in feminist theory
Senior	300-level course germane to the sequence

I. Program Courses

130a. and b. Introduction to Women's Studies (1)
Multidisciplinary study of the scholarship on women, with an introduction to feminist theory and methodology. Includes contemporary and historical experiences of women in private and public spaces. Examination of how the concept of women has been constructed in literature, science, the media and other institutions, with attention to the way the construction intersects with nationality, race, class and sexuality.

Two 75-minute sessions.

160a and b. Issues in Feminism: Bodies and Texts (1)

An introduction to issues in feminism with a focus on the body, the representation of the body, and textuality. Possible issues may include reproductive rights, pornography, anorexia, prostitution, women in popular cultures, and the female voice. Specific attention is paid to the intersection of race, class, and gender. The course may include a component of body work. Ms. Hart, instructor to be announced.

Open only to Freshmen.
Two 75-minute sessions.

204a. Gender Issues in Economics (1)

(Same as Economics 204a) An analysis of gender differences in education, earnings, employment, and the division of labor within the household. Topics include a study of occupational segregation, discrimination, the role of "protective legislation" in the history of labor law and effects of changes in the labor market of the U.S. We also study the economics of marriage, divorce, and fertility. A comparison of gender roles in other parts of the world is the final topic in the course. Ms. Johnson-Lans.

Two 75 minute sessions.
Prerequisite: Economic 101.

218b. Literature, Gender, and Sexuality: Black Feminism (1)

(Same as English 218b) This course considers matters of gender and sexuality in literary texts, criticism, and theory. The focus varies from year to year, and may include study of a historical period, literary movement, or genre; constructions of masculinity and femininity-, sexual identities; or representations of gender in relation to race and class. This course examines the development and history of black feminism in the United States. Through reading works of fiction, memoir, and theory, we explore the central concerns of the black feminist movement, and consider black feminism's response to Civil Rights, Black Nationalism and white feminism. Authors may include Anna Julia Cooper, Angela Davis, bell hooks, Audre Lorde, Toni Morrison and others. Ms. Dunbar.

Two 75-minute sessions.

220a. Medieval and Renaissance Culture: Women in Renaissance Culture (1)

Ms. Robertson, Ms. Reno.

Two 75 minute periods.

[221a. Feminism, Knowledge, Praxis] (1)

(Same as Sociology 221a). How do feminist politics inform how research, pedagogy, and social action are approached? Can feminist insights into issues of power and knowledge, intersecting inequalities, and human agency change the way we understand and represent the social world? We discuss several qualitative approaches used by feminists to document the social world (e.g., ethnography, discourse analysis, oral history). The relationship between knowledge and action will be a central concern throughout the course, Ms. Carruyo.

Two 75 minute meetings.
Not offered in 2006/07.

230b. Women and Film (1)

(Same as Film 230) Ms. Kozloff.

Two 75-minute sessions, plus outside screenings.
Prerequisite: One course in film or women's studies.

231a. Women Making Music (1)

(Same as Music 231)

Two 75-minute sessions.

240b. Construction of Gender (1)

Topics vary from year to year. Topic for 2006/07: *Gender in America Popular Culture Course*. From the perspective of feminist cultural studies the course considers aspects of contemporary American Culture: movies, toys, television, popular fiction, cultural rituals, and ceremonies. Ms. Cohen.

Two 75 minute sessions.

Prerequisites: Women's Studies 130, or permission of the instructor.

[241a. Feminist Approaches to Science and Technology] (1)

(Same as Science, Technology, and Society 241a) This course investigates the histories, paradigms, categories, assumptions, and procedures associated with gender and sexuality in scientific, technological, and medical discourse and practice. There is an underlying focus on the theme of "nature" as it is used and constructed by science and medicine. We work under the guise that "(w)e call contrary to Nature what happens contrary to custom; nothing is anything but according to nature, whatever it may be. Let this universal and natural reason drive out of us the error and astonishment that novelty brings us." (Michel de Montaigne). We try to come to a better understanding of the ways in which our human "Nature" along with our sexualities, genders, and races are viewed, studied, "discovered," and/or constructed by science and technology.

Two 75-minute sessions.

Not offered in 2006/07.

251a. Global Feminism (1)

(Same as International Studies 251 b) This course explores issues pertinent to women's experiences in different Third World cultural and national contexts, focusing on feminist political analyses and activism pertaining to a range of issues affecting women. The course examines how political fundamentalism, nationalism and postcoloniality affect different women's identities and choices, and how feminists negotiate these forces in their struggles for women's empowerment. In addition to theoretical readings on Third World feminism, we address issues ranging from cultural practices, to issues of sexuality and reproductive rights, and issues pertaining to development and women's place in the contemporary global economy. Ms. Narayan.

[276b. Gender and Social Space] (1)

(Same as Urban Studies 276b) This course explores the inter-relation of gender and key spatial forms and practices such as the home, the city, the hotel, migration, shopping, community activism and walking at night. The course draws on feminist theoretical work from diverse fields such as geography, architecture, anthropology and urban studies not only to begin to map the gendered divisions of the social world but also to understand gender itself as a spatial practice. Ms Brawley.

Two 75-minute periods.

Not offered in 2006/07.

306b. Women's Movements in Asia (1)

(Same as Asian Studies 306 and Sociology 306) This interdisciplinary course examines the reemergence of women's movements in contemporary Asia by focusing on their Cultural and historical contexts that go beyond the theory of "resource mobilization." Drawing upon case studies from Korea, Japan, India, and China, it traces the rise of feminist consciousness and women's movements at the turn of the twentieth century, and then analyzes the relationship between contemporary women's movements and the following topics: nationalism, political democratization, capitalist industrialization, ambivalence toward modernization, and postmodern conditions. Ms. Moon.

313b. Women, Science and Society (1)

(Same as Sociology 313 and Science, Technology, and Society 313) The discourses of science and medicine are a powerful influence on constructions of the female body, and on what it means to be a woman. Within the fields of biology and biomedicine, the notion of the biological body as a universal, stable entity has claimed a neutral status. This course examines the perspectives of feminist scientists, sociologists, and

historians who understand science as a fully social process that is culturally and ideologically situated. Key authors include Linda Blum, Anne Fausto-Sterling, Donna Haraway, Sandra Harding, Ruth Hubbard, Barbara Katz-Rothman, Sue Rosser, and Bonnie Spanier. Ms. Sulik.

[366a. Seminar in African American Art and Cultural History] (1)

(Same as Art 366 and Africana 366) Topic: *Vision and Critique in the Black Arts and Women's Art Movements*. Focusing on the relationships between visual culture and social movements in the U.S., this seminar examines the arts, institutions, and ideas of the Black Arts movement and Women's Art movement of the 1960's and 1970's. Analyzing paintings, photographs, posters, quilts, collages, murals, manifestos, mixed-media works, installations, films, performances, and various systems of creation, collaboration, and display, we explore connections between art, politics, and society. Ms. Collins.

Not offered in 2006/07.

370b. Feminism and Environmentalism (1)

(Same as Environmental Studies 370a and Science, Technology, and Society 370) This seminar takes as its departure point the claim that the women's movement, the civil rights movement, and the environmental movement, combined with efforts on behalf of anti-classism, anti-heterosexism, and anticolonialism must be practiced and theorized as interconnected. We examine gendered discourses of natural history, explore their past origins and contemporary ramifications, and study various approaches to understanding gender and environment. We pay particular attention to feminist scholarship and activism concerning the gendered implications of development policies and practices. Course readings may include work by Susan Griffin, Donna Haraway, Maria Mies, Carolyn Merchant, Londa Schiebinger, and Vandana Shiva. Jill Schneiderman.

Special permission.

One 2-hour meeting per week.

375b. Seminar in Women's Studies: Women and Class (1)

Topic for 2006/07: *Foregrounding Class*. While modern identity is understood to reside at the intersections of race, class, gender, nation, and sexuality, class is the component that has received the least attention in recent feminist studies. To address this oversight, this course foregrounds the construction of class in twentieth-century Britain and America. We begin with a brief theoretical overview of class and then address a range of topics. Theoretical readings by Karl Marx, Thorsten Veblen, Raymond Williams, Heidi Hartmann, and Carolyn Steedman are supplemented by novels, memoirs, non-fiction essays, as well as films and television programs. The goal of the course is to make class a more visible category. Ms. Robertson, Ms. Zlotnick.

Special permission.

One 2-hour meeting per week.

380b. Queer Theory (1)

The western cultural paradigm of sexual orientation has many origins. In particular, this course investigates those coming out of psychoanalysis and science—two of the dominant sources of social knowledge prevalent in our culture. We explore the view that all sexual behaviors, all concepts linking sexual behaviors to sexual identities, and all categories of “normal” and “deviant” sexualities, are social constructs, sets of signifiers which create certain types of social meaning. We see that queer theory follows feminist theory and lesbian and gay studies in rejecting the idea that sexual orientation is an essentialist category, something determined by biology or judged by eternal standards of morality and truth. We try to argue that sexuality is a complex array of social codes and forces, forms of individual activity and institutionalized power relations, which interact to shape the notions of what is “normal” what is “natural,” “essential” or “biological.” Aside from readings in both science of sex, gender, and sexual orientation and psychoanalysis, we read theoretical texts which help guide us toward a more accurate understanding of what we mean by the term ‘queer,’ what

we regard as the criteria for labeling a sexual activity queer, in short, the ontology of queer or what queer is. Instructor to be announced.

Women's Studies 130 and relevant 200-level course desirable.

Special permission.

One 2-hour meeting per week.

385a. Women, Culture, and Development (1)

This Course examines the ongoing debates within development studies about how integration into the global economy is experienced by women around the world. Drawing on gender studies, cultural and global political economy, we explore the multiple ways in which women struggle to secure wellbeing, challenge injustice, and live meaningful lives. Ms. Carruyo.

388b. Latina Feminisms (1)

This course approaches Latina feminist practice as a highly contested and still-evolving site of cultural production. Among the issues to be explored: Latina participation in feminist coalition-building across linguistic, racial, ethnic, class, and national borders; Latina writers negotiation of poststructuralist theory; and the relationship of Latina feminist activism to other political movements in the Americas, including civil rights, nationalist, anti-colonial, and human rights movements. Ms. Carter.

One 2-hour meeting per week.

Prerequisite: Women's Studies 130 or permission of the instructor.

[389a. Post Modern Feminism] (1)

This course examines the work of key feminist theorists of, or informed by, the French/Continental tradition. We focus on the issues of materialism, psychoanalysis, language, materiality, performativity, subjectivity, post-structuralism, and postmodern philosophy. We read works of the following: Helene Cixous, Luce Irigaray, Julia Kristeva, Rosi Braidotti, Judith Butler, and Elizabeth Grosz.

Prerequisite: Women's Studies 130 and either Women's Studies 380 or a theory based course from another department or program.

Not offered in 2006/07.

II. Reading Courses

Prerequisite for reading courses: Women's Studies 130 and one additional Women's Studies course or course from the list of Approved Courses. Permission of the director is required for all reading courses.

[297.01. Queer Theory] (½)

The program.

Not offered in 2005/06.

297.02. Lesbian Sex and Politics in the United States (½)

The program.

[297.04. Women and Sport] (½)

The program.

Not offered in 2006/07.

III. Independent Work

Prerequisite for fieldwork or independent study: 2 units of work in Women's Studies or from the list of Approved Courses. Permission of the director is required for all independent work.

290a or b. Field Work (½ or 1)

298a or b. Independent Study	(½ or 1)
300a-300b. Senior Thesis or Project	(½, ½)
A 1-unit thesis or project written in two semesters.	
399a or b. Senior Independent Study	(½ or 1)

IV. Approved Courses.

Below is a partial list of approved courses. For current offerings, consult the list circulated each term by the program, together with the *Women's Studies Handbook*.

Education 252	Race, Representation and Resistance in U.S. Schools	(1)
English 218	Literature, Gender, and Sexuality	(1)
English 262	Post-Colonial Literatures	(1)
English 319	Race and Its Metaphors	(1)
History 260	Women in the U.S. to 1890	(1)
History 261	History of Women in the U.S. since 1890	(1)
Philosophy 250	Feminist Theory	(1)
Political Science 278	Feminist Theory, Policy Issues	(1)
Sociology 250	Sex, Gender, Society	(1)

V. General Courses

Consult the list circulated each term by the program, together with the *Women's Studies Handbook*.

College Organization 2005/06



Will Faller

The Martel Theater, Center for Drama and Film

“I believe that in a great city, or even in a small city or a village, a great theater is the outward and visible sign of an inward and probable culture.”

—Sir Laurence Olivier (1907-1989)

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Geraldine Bond Laybourne '69, A.B., M.S.; New York, New York (2009)

Robert B. Machinist '75, P'05, P'09, A.B.; Cos Cob, Connecticut (2006)

Paula Williams Madison '74, A.B.; Toluca Lake, California (2006)

Jean Bronson Mahoney '52, A.B.; New York, New York (2009)

Margaret Jean McKee '51, A.B.; Cheshire Connecticut (2009)

Mark S. Ordan '79, A.B., M.B.A.; Bethesda, Maryland (2009)

Richard W. Roberts '74, A.B., M.I.A., J.D.; Washington, D.C. (2007)

Patricia Parton Rosenwald '56, New York, New York (2007)

Lynn Gross Straus '46, A.B., M.S.; Mamaroneck, New York (2006)

Meryl Streep '71, P'08, B.A., M.F.A.; New York, New York (2008)

Lucy Sun '74, A.B., M.B.A., M.A.; London, United Kingdom (2008)

Anne McNiff Tatlock '61, P'05, A.B., M.A.; New York, New York (2006)

Monica Vachher '77, A.B., J.D.; Chicago, Illinois (2008)

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The dates in parentheses indicate the expiration of terms of office.

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President of the College, Chair of the Faculty, and Professor of Art (1986-)

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President-elect of the College

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Assistant to the President (2004-) and Professor of Mathematics (1974-)

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Vassar College Historian (1985-); Professor Emeritus of English (January 1948-1985)

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Director of Equal Opportunity (2003-), Associate Dean of the College (2003-), and Director of Disability and Support Services (1997-)

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Faculty Director of Affirmative Action (2003-), Director of Affirmative Action (2000-2003), ADA/504 Coordinator (2000-), and Professor of English (1976-)

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Dean of the Faculty (2003-) and Professor of English (2003-)

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Admission

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Senior Assistant Director of Admission (2005-)
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Assistant Director of Admission (2005-)
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Assistant Director of Admission (2005-)
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- Mary-Kay Lombino**, B.A., M.A.
Emily Hargroves Fisher '57 and Richard B. Fisher Curator (2005-)
- Kelly Thompson**, B.A.
Coordinator of Public Education and Programs (2001-)
- Joann M. Potter**, B.A., B.A., M.A.
Registrar/Collections Manager (1988-)
- Karen Casey Hines**, B.A., M.A.
Assistant Registrar (1995-)
- Bruce Bundock**, B.F.A.
Museum Preparator (1994-)

Athletics

- Sharon Beverly**, B.A., M.S.
Director of Athletics and Professor in Physical Education (2002-)
- Michael Alton**, B.A., M.Ed.
Men's and Women's Rowing Coach and Assistant Professor in Physical Education (2000-05)
- Tony Brown**, B.Ed., B.S., M.S.
Men's and Women's Rugby Coach, Assistant Director of Athletics, and Lecturer in Physical Education (1995-)
- Steve Buonfiglio**, B.S.E., M.S.
Women's Basketball Coach (1990-), Assistant Director of Athletics for Intramurals and Lecturer in Physical Education (1996-)
- Kathy Campbell**, B.S., M.S.
Women's Tennis Coach and Professor of Physical Education (1978-)
- Jeff Carter**, B.S., M.S.
Head Athletic Trainer (2002-)
- Kim Culligan**, B.A., M.S.
Associate Director of Athletics (2005-)
- Roman Czula**, B.A., M.A.
Men's Tennis Coach and Professor of Physical Education (1975-)

Robin Deutsch, B.S.

Sports Information Director (2004-)

Mike Dutton, B.S., M.S.

Men's Basketball Coach and Assistant Director of Athletics for Business Management and Lecturer in Physical Education (1995-)

Sara Dwyer-Shick, B.A., M.S.M.

Women's Soccer Coach and Lecturer in Athletics/Physical Education (2005-)

Judy Finerghy, B.S., M.S.

Women's Field Hockey and Lacrosse Coach and Associate Professor in Physical Education (1993-)

Andrew M. Jennings, B.Ed., M.A., Ph.D.

Men's Soccer Coach, Women's Golf Coach (2004-), and Professor of Physical Education (1981-)

Angel Mason, B.A.

NCAA Intern (2005-)

Jonathan D. Martin, B.A., M.S.

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James McCowan, B.A., M.Ed.

Cross-Country Coach and Lecturer in Athletics/Physical Education

Jane Parker

Men's and Women's Squash Coach and Assistant Professor in Physical Education (2000-)

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Yasmin Reid, B.S., M.S.

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Field Work**Peter Leonard, B.A., M.A., Ph.D.**

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Betsy Kopstein, M.A.

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Ann E. Churukian, M.M., M.S.

Assistant Music Librarian (November 1989-)

Barbara A. Durniak, M.L.S.

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Special Collections Librarian (2004-)

Christine W. Fitchett, M.L.S.

Serial/Documents Librarian (1984-)

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Head of the Library Technology (2001-); AAVC Information Services Director (1997-2001); Computer Store Manager (1993-97)

Marisa Glaser, B.A., M.A.

Assistant to the Director of the Library (2005-)

Sarah Goldstein, B.A., M.F.A.

Visual Resources Librarian (2004-)

Flora Grabowska, M.L.S.

Science Librarian (1995-)

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Art Librarian (1986-)

Kathleen F. Kurozman, M.L.S.

Head of Library Instruction and Outreach (1989-)

Gretchen Lieb, M.L.S.

Reference Librarian (June 2000-)

Tracy A. O'Connor, B.A.

Head of Circulation and Reserves (2005-)

Elizabeth Oktay, M.S.L.S.

Head Acquisitions Librarian (1966-)

Ronald Patkus, M.S., Ph.D.

Head of Archives and Special Collections (November 2000-)

Joan Pirie, M.A., M.L.S.

Head of Cataloging (February 1990-)

* **Chiharu Watsky, M.L.S.**

Cataloger (June 2000-)

* **Kappa A. Waugh, M.L.S.**

Librarian (November 1985-)

Wimpfheimer Nursery School

Julie A. Riess, A.B., Ph.D.

Director of the Wimpfheimer Nursery School and Lecturer in Psychology and Education (1994-)

Justine F. Bastian, A.A., A.A.S., B.S.

Nursery School Teacher (1995-)

Joan DeRito, B.A., M.S.

Nursery School Teacher (1993-)

Roseanne Di Fate, B.A.

Nursery School Teacher (1993-)

Deborah Falasco, A.A.S., B.A. (2002-)

Nursery School Associate Teacher

Gwen Foster, B.A.

Nursery School Teacher (1992-)

Karin S. Gale, B.S., M.S.Ed.

Nursery School Teacher (January 1989-)

Sara Goodwin, B.A.

Assistant Nursery School Teacher (2005-)

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Nursery School Teacher (2000-)

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Nursery School Teacher (1992-)

Amy Yarmosky, B.S.

Nursery School Teacher (1997-)

Registrar

Daniel J. Giannini, M.A.

Registrar/Director of Academic Records and Research (1986-)

Colleen Mallet, A.A.S., B.S.

Associate Registrar (1991-)

* Part time.

Computing and Information Services

Bret Ingerman, B.S., M.S.

Vice President for Computing and Information Services (2004-)

Suzanne Aber, M.B.A.

Director for Administrative Information Services (2002-)

Jonathan Adams, B.S.

Programmer-Analyst (2005-)

Derek Balling

Systems Administrator (2005-)

Kenneth Bolton, A.B.

Media Cloisters Curator (2003-)

Dave Calafrancesco

Systems Administrator (2001-)

John Collier, B.S.

Director for User Services (2000-)

Gregory D. Deichler

User Services Consultant (2001-)

Lee Dinnebeil, B.A.

User Services Consultant (2001-)

Aline Elie, B.A.

Senior Programmer Analyst (1999-)

Tami Emerson

Help Desk Supervisor (2000-)

James M. Fitzwilliam, M.M.

Systems Administrator (1990-)

***Marjorie Gluck**, A.B.

Helpdesk Consultant (1999-)

Judith Husted, A.S.

Web Programmer (1997-)

Virginia Jones, B.S., M.Ed.

Academic Computing Consultant (1999-)

Phil Korngelb, B.A., M.S.

Programmer-Analyst (2005-)

E. Jane Livingston, B.A., M.S.

Learning and Outreach Coordinator (1999-2005)

Gary Manning, A.A.S.

Senior Programmer/Analyst (1993-)

Gordon McClelland

User Services Consultant (1999-)

***Laura McGowan**, B.S.

Senior Programmer/Analyst (1995-)

Keisha Miles, B.S.

User Services Consultant for the Libraries (2002-)

Martin Mortenson, B.S., M.S.

Senior User Services Consultant (1998-)

Nancy Myers

Associate Director for User Services (1990-)

Cristian Opazo-Castillo, B. S., M.A.

Academic Computing Consultant (2000-)

Mark Romanovsky, B.S.

Programmer Analyst (2001-)

Susan Stephens, A.B.

Assistant to the Vice President for Computing and Information Services (2001-05)

Meg Stewart, M.S.

Academic Computing Consultant (2001-)

David Susman, B.S.

Associate Director for Networks and Systems (1990-)

Steve Taylor, B.A., Ph.D.

Director of Academic Consulting Services (1998-)

* Part time.

William Terry, A.B., M.S.

Director of Networks and Systems (2004-)

Richard Versace, A.S.

Database Administrator (1999-), Programmer/Analyst (1996-99)

Dean of the College

Judy Jackson, B.A., M.A., Ed.D.

Dean of the College and Associate Professor of Education (2004-)

Dean of Studies

Alexander M. Thompson, III, B.S., M.S., M.B.A., Ph.D.

Dean of Studies (1995-), Adviser to Special Students (2002-), and Professor of Economics (1977-)

Joanne T. Long, B.A., M.A., Ph.D.

Dean of Freshmen (2005-) and Adjunct Assistant Professor of English (1978-80, 1981-82, 1984-92, 1993-)

Susan Zlotnick, B.A., M.A., Ph.D.

Adviser to the Class of 2006 (2003-) and Associate Professor of English (1989-)

Eugenio L. Giusti, B.A., M.A., Ph.D.

Adviser to the Class of 2007 (2004-) and Associate Professor of Italian (1992-)

Robert D. Brown, B.A., M.A., Ph.D.

Adviser to the Class of 2008 (2005-) and Professor of Classics (1983-) on the Sarah Miles Raynor Chair

Jannay Morrow, B.A., Ph.D.

Adviser to the Class of 2009 (2006-) and Associate Professor of Psychology (1991-)

Susan Correll, B.A., M.A., Ph.D.

Assistant Dean of Studies and Study Away Adviser (1995-)

Diana Brown, A.B.

Assistant to the Dean of Studies (1999-)

Lisa Kooperman, B.A., M.A.

Director of the Office for Fellowships and Pre-professional Advising (2004-)

Susan Davis, B.A.

Consultant for Pre-professional Advising (2004-)

Learning and Teaching Center

Leslie Dunn, B.A., M.A., Ph.D.

Director of the Learning and Teaching Center (2002-) and Associate Professor of English (1985-)

Caroline F. Palmer, B.S., Ph.D.

Director of Teaching Development (2003-) and Associate Professor of Psychology (1992-)

Sheryl T. Smickle, A.B., M.A., Ph.D.

Learning Specialist (2004-)

Karen Getter, M.A.

Learning Skills Specialist (1983-)

* **Doris Wexler Haas, M.A.**

Mathematics Specialist (January 1981-)

Natalie J. Friedman, A.B., M.A., Ph.D.

Writing Specialist (2004-)

Disability and Support Services

Belinda Guthrie, B.S., M.A.

Director of Disability and Support Services (1997-)

Sheryl Smikle, A.B., M.A., Ph.D.

Assistant Director of Disability and Support Services (2004-)

* Part time.

Dean of Students

David H. "DB" Brown, Ph.D.
Dean of Students (1978-)

Counseling Service

Sylvia R. Balderrama, A.B., M.Ed., Ed.D.
Director of Psychological Services (1992-)

***Richard Hahn, B.A., M.D.**
Consulting Psychiatrist (1997-)

***Anton Hart, A.B., M.S., Ph.D.**
Psychological Counselor, Associate Director of Psychological Services
(1997-)

Lisa Reticker, B.A., M.S.S.W.
Psychological Counselor/Training Director (November 2000-)

Larry Cerecedes, B.A., M.A., Ph.D.
Psychological Counselor (October 2003-)

Wendy Freedman, B.S., M.Ed., Ph.D.
Psychological Counselor (2004-)

Emily Lewis Fuchek, Ph.D.
Post-Doctoral Fellow (2005-)

Health Education

Michelle C. Soucy, M.A. CHES
Director of Health Education (2002-)

Health Services

Irena Balawajder, M.D., M.B.B.S.
Physician and Director of Health Service (1987-)

John Craig, R.P.A.
Physician Assistant (1992-)

Anne C. Dadarria, B.A., M.S.
Nurse Practitioner (1984-)

***William Thompson, M.D.**
Sports Medicine Program (2003-)

Residential Life

Luis Inoa, B.A., M.A.
Director of Residential Life (2005-)

Laura Dicke, B.S., M.S.
House Advisor (2003-)

Aaron Gurlly, B.A., B.S., M.F.A.
House Advisor (2005-)

Richard Horowitz, B.A., M.Ed.
Assistant Director of Residential Life (2005-)

Lauren Hoyt, A.B., M.A.
House Advisor (2004-)

AnnaBelle Jones
Coordinator of Residential Operations Center (2005-)

Molly MacElroy, B.A., M.Ed.
House Advisor (2002-)

Michael Pennell, B.A., M.S.
House Advisor (2005-)

International Services

Andrew Meade, B.S.
Director of International Services (1992-)

*Part time.

Associate Dean of the College

Raymon P. Parker, B.A., M.A.
Associate Dean of the College (1985-)

Campus Activities

Teresa P. Quinn, B.A.
Director of Campus Activities (1985-)
Kendra O. Swee, B.A., M.Ed.
Assistant Director of Campus Activities/Programs (2002-)
Michelle Ransom
Assistant Director of Campus Activities/Operations (2003-)

Career Development

Mary Baginski Raymond, B.A., M.A.
Director of Career Development (2005-)
Frederick A. Burke, B.A., M.P.S.
Assistant Director of Career Development (2000-)
Tammy Fraser, B.A., M.A.
Assistant Director of Career Development (2001-)
Stacey L. S. Bingham, B.A., M.Ed.
Career Counselor (2003-)

Student Employment

Karen Ehlers, B.A.
Director of Student Employment (1988-2005)
Jon Davyd McClain
Coordinator of Student Employment (December 2005-)

Religious and Spiritual Life

Rev. Samuel H. Speers, B.A., M.Div.
Director of the Office of Religious and Spiritual Life (1999-)
Rabbi Rena Blumenthal, B.A., M.A., M.H.L.
Rose and Irving Rachlin Advisor to Jewish Students (2003-)
John Delap, A.B.
Religious and Spiritual Life Fellow (2005-)

Associate Dean of the College for Campus Life

Edward Pittman, A.A., A.B., M.P.S.
Associate Dean of the College for Campus Life (1990-)

ALANA Center

Yolanda Ramos, A.B.
Director of the ALANA Center (2002-)

Blegen House

John A. Schoonbeck, Ph.D.
Assistant Director of Campus Life (2005-)

Campus Dining

Maureen King, B.S.
Director of Campus Dining (1993-)

Security

Donald C. Marsala, B.A., M.S., F.B.I.N.A.
Director of Security (1994-)

Kim Squillace

Associate Director of Security (1996-)

Dennis Cody, B.S.

Transportation Director (2000-)

Finance and Administration

Vice President for Finance and Administration

Elizabeth A. S. Eismeier, B.A., M.B.A.

Vice President for Finance and Administration (2001-)

Administrative Services

Gerald M. Mason, B.S., M.S.

Director of Administrative Services (2001-)

Kathleen M. Wolter, B.A.

Manager of the Vassar College Bookstore (2005-)

John McCormick

Manager of the Computer Store (1997-)

Harold T. Peters

Manager of Postal Services (1998-)

Budget and Planning

David A. English, B.A., M.B.A., C.F.A.

Budget Director and Assistant to the Vice President (2005-)

E. Mary McGowan, B.A., C.P.A.

Budget Analyst (1991-)

Buildings and Grounds Services

Thomas Allen, B.S., P.E.

Executive Director of Buildings and Grounds Services, (2000-)

Jeffrey C. Horst, B.A., C.G.M.

Associate Executive Director of Buildings and Grounds Services (1990-)

Kiki A. Williams, B.S., M.S.Ed.

Director of Facility Operations (2005-)

James P. Kelly, B.S.

Director of Environmental Health and Safety (2005-)

Daniel Fritzsche, B.S.C.E., M.B.A.

Project Manager (2001-)

Arthur Fisher, B.S.

Project Manager (2005-)

Eileen A. Nolan

Coordinator of Technology (2001-)

Tracy L. Smith

Manager of the Service Response Center (2001-)

Cynthia V. VanTassell

Manager of Custodial Services (1999-)

Office of the Controller

Gail Goodness, B.S., C.P.A., M.S.

Controller (2005-)

Dana J. Kleinhans, B.S., C.P.A., M.S.

Associate Controller (1998-)

Reneé M. Behnke

Manager of Student Accounts (2001-)

Human Resources

Sarah L. Hoyer, B.A., M.A.

Director of Human Resources (1999-)

Kim T. Collier, B.S., M.S.

Associate Director of Human Resources (2000-)

Stephanie O. Moore, B.S., M.S.

Assistant Director of Employment (2005-)

Tanhena Pacheco Dunn, B.A., J.D.

Assistant Director of Human Resources (2001-)

Leslie H. Power, B.A.

Benefit Programs Manager (2000-)

Investments and Capital Project Finance

Stephen R. Dahnert, B.A., M.Ed., M.B.A.

Associate Vice President and Director of Investments (1995-)

Purchasing

C. Arthur Punsoni, B.A., M.A., C.P.M.

Director of Purchasing (1985-)

Rosaleen E. Cardillo, B.S.

Assistant Director of Purchasing (1991-)

Alexander B. Averin, A.B.

Manager of Purchasing and Accounts Payable (2001-)

College Relations

Susan DeKrey, B.A.

Vice President for College Relations (1990-)

Conferences and Summer Programs

Karen Minturn, A.B., M.A.

Director of Conferences and Summer Programs (1982-) and Secretary of the Board of Trustees (1995-)

Beth Fargis-Lancaster, B.A., M.P.S.

Senior Associate Director of Conferences and Summer Programs (1986-) and Executive Producer of the Powerhouse Program (1986-)

Antonia Sweet, B.A., M.Ed., M.A.

Assistant Director of Conferences and Summer Programs (2003-)

Digital Imaging

Tamar Thibodeau, B.A.

Digital Imaging Coordinator (2004-)

Editorial

Julia Van Develder, B.A., M.A.

Editorial Director (1990-)

Emery Bernhard, B.A., M.A.

Staff Writer (1999-)

Media Relations

Jeff Kosmacher, B.A.

Director of Media Relations (2003-)

Print Publications

George Laws, B.A., M.F.A.

Graphic Designer and Director of Publications (1991-)

Charles Mosco, B.S., M.A.

Associate Director of Publications/Graphic Designer (1997-)

Janet Allison, B.A., M.A.
Production Manager (2004-)

Web Development

Carolyn Guyer
Director of Web Development (1996-)

Megg Brown, B.A.
Assistant Director of Web Development (2000-)

Timothy Brown, B.A.
Web Designer (2005-)

Chris Silverman, B.A.
Web Designer (2003-)

Donny Truong, B.A.
Web Designer (2002-)

Development

Catherine E. Baer, A.B.
Vice President for Development (1999-)

Leadership Gifts

Jennifer Sachs Dahnert, B.A.
Director of Development for Principal Leadership Gifts (1990-)

Robert Bomersbach, B.A., J.D.
Assistant Director for Leadership Gifts (2005-)

Natasha J. Brown, B.A., M.A.
Assistant Director of Leadership Gifts (2003-)

Mame Dimock, B.A.
Associate Director of Leadership Gifts (1996-)

Odette Galli, B.A., M.B.A.
Assistant Director for Leadership Gifts (2005-)

Robert Sweet, B.A., M.A., M.B.A.
Associate Director for Leadership Gifts and Gift Planning (1998-)

Peter L. Wilkie, B.A., M.A.
Director of Leadership Gifts (2000-)

Katie Reid Levine, B.A., M.A.
Executive Coordinator of Principal Gifts (2004-)

Lance Ringel, A.B.
Senior Writer (2000-)

Gift Planning

Heather Gelles Ebner, A.B.
Director of Gift Planning (2000-)

Shawn T. Mroz, B.A.
Assistant Director of Gift Planning (2001-)

Reunion and Class Giving

Ryan L. Hart, A.B.
Director of Reunion and Class Giving (1991-)

Darcie Harms, B.A.
Assistant Director of Reunion and Class Giving (2005-)

Bernadette McGovern Mack, B. A.
Assistant Director of Reunion and Class Giving (2003-)

Janice Fischlein, A.B.
Associate Director of Reunion and Class Giving (1996-)

Kathryn Joyce, B.A.
Director of Parent Giving (2005-)

Susan Morrison Sheehan, B.A.
Assistant Director of Reunion and Class Giving (2003-)
Melody Woolley
Associate Director of Reunion and Class Giving (2005-)

Development Operations

Mary Carole Starke, B.A., M.A.
Director of Development for Operations (1993-)
Kara M. Wern, B.S.
Associate Director of Development for Operations (1992-)
Tricia Chapman, B.A., M.F.A.
Development Researcher (2004-)
Natalie Condon, B.A.
Development Researcher (2004-)
Lori L. DeRosa, A.A.
Development Researcher (2004-)
Pamela J. Landolt
Senior Development Researcher (2000-)
Robert M. Jewell
Programmer/Analyst (1993-)
Perry Liberty, B.B.A., B.A., M.A.
Assistant Director of Donor Relations
Shelley M. Sherman, B.A.
Director of Donor Relations (1981-)
Diane Sauter, A.A.
Associate Director for Donor Relations (1995-)
Maria Sutcliffe, B.A., M.L.S.
Director of Information Management for Operations (1987-)
Herbert Hoffman
Technology Specialist (1997-)

Corporate, Foundation, and Government Relations

James M. Olson, B.A., M.A., Ph.D.
Director of Corporate, Foundation, and Government Relations (2001-)
Dionne Carty-Jackson, A.B., M.F.A.
Assistant Director of Corporate Foundation and Government Relations

Regional Programs

John S. Mihaly, A.B.
Director of Development for Regional Programs (1992-)
Maureen Andola, B.S.
Associate Director of Regional Programs (1996-)

Development Communications

Barbara Kram, B.A., M.P.A.
Director, Development Communications (2005-)
Raymond Schwartz
Web Designer of Development Communications (2005-)

Alumnae and Alumni of Vassar College

Paula Williams Madison, A.B.

President, AAVC Board of Directors (July 2002-)

Patricia Duane Lichtenberg, A.B.

Executive Director, AAVC (2000-)

Willa McCarthy, A.B.

Director of Alumnae/i Relations for Operations (1992-)

Catherine Lunn, B.S.

Director of Alumnae/i Relations for Programs (1999-)

Charlene D. Larson, A.B.

Assistant Director of Alumnae/i Relations (2005-)

Kathy L. Knauss, B.A.

Alumnae/i Program Coordinator (2003-)

Nancy Wanzer

Associate Director for Information Services (2001-)

Susan Brkich, A.B., J.D.

Web Administrator (2004-)

Samantha Soper, A.B., M.S.

Editor, *Vassar, the Alumnae/i Quarterly* (2001-)

Micah Buis, A.B., M.A.

Assistant Editor, *Vassar, the Alumnae/i Quarterly* (2004-)

Craig Burdett

Technical Communications Administrator (2005-)

Patrick Hart, B.S.

Alumnae House, General Manager (2002-)

Faculty

Frances D. Fergusson, B.A., M.A., Ph.D.

President of the College, Chair of the Faculty, and Professor of Art (1986-2006)

Emeriti

Henry Albers, Ph.D.

Professor Emeritus of Astronomy (1958-91)

Betsy H. Amaru, Ph.D.

Professor Emeritus of Religion (1983-2005)

Jean Appenzellar, M.S.

Professor Emeritus of Physical Education (1952-91)

Winifred A. Asprey, Ph.D.

Professor Emeritus of Mathematics and Director Emeritus of the Computer Center (1945-82)

Lynn Conant Bartlett, Ph.D.

Professor Emeritus of English (1952-92)

Constance Berkley, Ph.D.

Lecturer Emeritus of Africana Studies (1972-2004)

Curt W. Beck, Ph.D.

Professor Emeritus of Chemistry (1957-93)

Frederick P. Bunnell, Ph.D.

Professor Emeritus of Political Science, (1967-99)

Eugene A. Carroll, Ph.D.

Professor Emeritus of Art (1965-2000)

Yin-Lien C. Chin, M.A.

Professor Emeritus of Chinese (1967-95)

Anne Constantinople, Ph.D.

Professor Emeritus of Psychology (1967-2004)

Raymond Cook, M.A.

Associate Professor Emeritus of Dance, (1981-99)

Beverly Coyle, Ph.D.

Professor Emeritus of English (1977-2001)

Elizabeth Adams Daniels, Ph.D.

Professor Emeritus of English (February 1948-85)

Sister Joan A. Deiters, Ph.D.

Professor Emeritus of Chemistry, (1978-99)

James Farganis, Ph.D.

Professor Emeritus of Sociology, (1970-98)

Harvey Flad, Ph.D.

Professor Emeritus of Geography (1972-2004)

Betty Lippman Fluck, M.S.

Lecturer Emeritus of Physical Education (1960, 1962-84)

Robert Tomson Fortna, Ph.D.

Professor Emeritus of Religion (1963-95)

Jeane H. Geehr, Ph.D.

Professor Emeritus of English (1947-83)

William W. Gifford, Ph.D.

Professor Emeritus of English (1955-96)

Donald Gillin, Ph.D.

Professor Emeritus of History (1968-95)

Anne I. Gittleman, Doctorat d'Université

Professor Emeritus of French (1954-61, 1962-87)

John Howell Glasse, Ph.D.

Professor Emeritus of Religion (1956-90)

Richard Gregg, Ph.D.

Professor Emeritus of Russian (1968-98)

Clyde Griffen, Ph.D.

Professor Emeritus of History (1957-58, 1959-95)

Earl W. Groves, Mus.M.

Professor Emeritus of Music (1945-82)

- Christine Mitchell Havelock**, Ph.D.
Professor Emeritus of Art (1953-90)
- Norman Edward Hodges**, Ph.D.
Associate Professor of Africana Studies and History (1969-98)
- Adrienne Doris Hytier**, Ph.D.
Professor Emeritus of French (1959-96)
- Jeh Johnson**, M.A., F.A.I.A.
Senior Lecturer Emeritus of Art (1964-2001)
- Patricia R. Johnson**, Ph.D.
Professor Emeritus of Biology (1964-95)
- M. Glen Johnson**, Ph.D.
Professor Emeritus of Political Science (1964-2002)
- Jesse Kalin**, Ph.D.
Professor Emeritus of Philosophy (1971-2005)
- Marjorie Katz**, M.S.Ed.
Lecturer Emeritus in Education (1973-90)
- Janet Knapp**, Ph.D.
Professor Emeritus of Music (1971-88)
- Benjamin Kohl**, Ph.D.
Professor Emeritus of History (1966-2001)
- Elaine Lipschutz**, M.S.
Lecturer Emeritus in Education (1967-92)
- Annea Lockwood**, A.R.C.M.
Professor Emeritus of Music (1982-2004)
- Natalie Junemann Marshall**, Ph.D.
Professor Emeritus of Economics (1952-94)
- Shirley Maul**, M.L.S.
Associate Director of Readers Services Emeritus (1973-2002)
- Janet McDonald**, Ph.D.
Professor Emeritus of Mathematics (1944-71)
- Thomas F. McHugh**, Ph.D.
Professor Emeritus of Education (1974-93)
- Margaret McKenzie**, Ph.D.
Professor Emeritus of German (1961-83)
- David M. Merriell**, Ph.D.
Professor Emeritus of Mathematics (1968-85)
- Robert Middleton**, A.M.
Professor Emeritus of Music (1953-85)
- Joseph F. Mucci**, Ph.D.
Professor Emeritus of Chemistry (1957-91)
- Joan Elizabeth Murphy**, M.A., M.L.S.
Readers' Services Librarian Emeritus (January 1962-84)
- E. Jean Pin**, Doctor ès Lettres, Lyons
Professor Emeritus of Sociology (1972-92)
- Francis V. Ranzoni**, Ph.D.
Professor Emeritus of Biology (1955-80)
- Rhoda Rappaport**, Ph.D.
Professor Emeritus of History (1961-2000)
- Jerome Regnier**, Ph.D.
Associate Professor Emeritus of Geology (1954-57, 1969-83)
- Stephen W. Rouseas**, Ph.D.
Professor Emeritus of Economics (1969-91)
- Wilfrid E. Rumble, Jr.**, Ph.D.
Professor Emeritus of Political Science, (1961-98)
- David L. Schalk**, Ph.D.
Professor Emeritus of History (1968-2003)
- Virginia B. Smith**, B.A., M.A., J.D., D.H.L., L.H.D., LL.D.
President Emeritus (1977-86)
- Evert M. Sprinchorn**, Ph.D.
Professor Emeritus of Drama (1956-94)
- Robert L. Stearns**, Ph.D.
Professor Emeritus of Physics (1958-93)

- H. Patrick Sullivan**, Ph.D.
Professor Emeritus of Religion (1970-94)
- Ruth Marie Timm**, M.Ed.
Professor Emeritus of Physical Education (1944-78)
- Elbert Tokay**, Ph.D.
Professor Emeritus of Biology (1941-81)
- Blanca Uribe**, Ph.D.
Professor Emeritus of Music (1969-2005)
- Garrett L. Vander Veer**, Ph.D.
Professor Emeritus of Philosophy, (1961-99)
- Richard J. Willey**, Ph.D.
Professor Emeritus of Political Science, (1964-99)
- Donald Williams**, Ph.D.
Professor Emeritus of Biology, (1961-98)
- Esther Williams**, M.L.S.
Science Reference Librarian Emeritus (1988-1994)
- Anthony S. Wohl**, Ph.D.
Professor Emeritus of History (1963-2002)
- Margaret Ruth Wright**, Ph.D.
Professor Emeritus of Biology (1946-78)

Teaching Members of the Faculty 2005/06

- Nicholas Adams**, Professor of Art (1989-) on the Mary Conover Mellon Chair
A.B., Cornell University; A.M., Ph.D., New York University
- John Ahern**, Professor of Italian (1982-) on the Dante Antolini Chair
A.B., Harvard College; M.A., Ph.D., Indiana University
- * **Roger Akeley**, Adjunct Instructor of Urban Studies (January-June 1986-)
B.A., St. Olaf College; M.S., University of Tennessee
- Scott Allen**, Visiting Assistant Professor of Chemistry (2004-)
B.A., Illinois Institute of Technology; Ph.D., Oregon State University
- Michael Alton**, Assistant Professor of Physical Education (2000-2005)
B.S., Temple University; M.E., Wichita State University
- Mark C. Amodio**, Professor of English (1988-)
A.B., Ph.D., University of California, Berkeley
- Janet K. Andrews**, Associate Professor of Psychology (1979-)
A.B., Bard College; A.M., Ph.D., University of Pennsylvania
- Mark W. Andrews**, Associate Professor of French (1981-)
B.A., University of Bristol; M.A., Ph.D., Michigan State University
- Peter Antelyes**, Associate Professor of English (1984-)
B.A., Sarah Lawrence College; M.A., Ph.D., Columbia University
- Roberta Antognini**, Assistant Professor of Italian (1999-)
Universita Cattolica, Milano Italy; Ph.D., New York University
- Elisabeth C. Arlyck**, Professor of French (1971-) on the Pittsburgh Endowment Chair
Licence ès Lettres Classiques, Diplôme d'Études Supérieures, Sorbonne; Agrégation de Lettres Classiques, Doctorat de Troisième Cycle, Université de Paris VIII
- Michael Aronna**, Associate Professor of Hispanic Studies (1995-)
B.A., M.A., State University of New York, Stony Brook; Ph.D., University of Pittsburgh
- Laura Arwood**, Lecturer and Coordinator of Laboratory Instruction, Biology (2005-)
B.S., Ph.D., North Carolina State University
- * **William Ayer**, Randolph Distinguished Visiting Professor, Education (January-June 2006-)
B.A., University of Michigan; M.A. Bank Street College of Education; M.Ed, Ed.D, Teachers College, Columbia University; M.F.A., Bennington College
- * **Isolina Ballesteros**, Adjunct Associate Professor of Hispanic Studies (2005-)
B.A., Universidad de Zaragoza, Spain; Ph.D., Boston University
- Pinar Batur**, Associate Professor of Sociology (1992-)
B.A., University of Missouri, Kansas City; M.A., Ph.D., University of Texas, Austin
- Noel Jay Bean**, Professor of Psychology (1979-)
B.A., San Diego State University; M.A., Ph.D., Bowling Green State University
- Marianne H. Begemann**, Associate Professor of Chemistry (1985-)
A.B., Vassar College; Ph.D., University of California, Berkeley
- Stuart L. Belli**, Associate Professor of Chemistry (December 1986-)
B.S., University of California, Riverside; Ph.D., University of California, Santa Barbara
- Frank Bergon**, Professor of English (1972-)
B.A., Boston College; Ph.D., Harvard University
- * **Anne Bertrand-Dewsnap**, Adjunct Assistant Professor of Art (2001-)
B.A., Smith College; M.A., Ph.D., University of Pittsburgh
- Heather A. Berlin**, Visiting Assistant Professor of Psychology (2005-)
B.S., State University of New York, Stony Brook; M.A., New School University; Ph.D., University of Oxford; M.P.H., Harvard University
- * **Lee Bernstein**, Adjunct Assistant Professor of History (January-June 2006-)
B.A., Hobart and William Smith Colleges; M.A., Boston College; Ph.D., University of Minnesota, Minneapolis
- Sharon R. Beverly**, Professor of Physical Education (2002-) and Director of Athletics (2004-)
B.A., M.S., Queens College
- Joyce Bickerstaff**, Associate Professor of Education and Africana Studies (1971-)
B.A., Kent State University; M.Ed., Ph.D., University of Illinois

* Part time.

- David Birn**, Assistant Professor of Drama and Film (1999-)
B.A., Whitman College; M.F.A., Yale School of Drama
- Nancy Bisaha**, Associate Professor of History, (1998-)
B.A., Rutgers University; Ph.D., Cornell University
- * **Cheryl Bishkoff**, Visiting Lecturer of Music (1999-)
B.A., M.A., Virginia Commonwealth University
- Christopher Bjork**, Assistant Professor of Education (2002-)
B.A., M.A., Wesleyan University; Ph.D., Stanford University
- Rodica Diaconescu Blumenfeld**, Associate Professor of Italian (1991-)
State Diploma, Cuza University, Rumania; M.A., M.Phil., Ph.D., Columbia University
- Simona Bondavalli**, Visiting Assistant Professor of Italian (2004-)
B.A., Università degli Studi di Bologna; M.A., Ph.D., University of Washington
- Richard J. Born**, Professor of Political Science (1976-)
B.S., Massachusetts Institute of Technology; M.A., Ph.D., Stanford University
- Giovanna Borradori**, Associate Professor of Philosophy (August 1991-June 1993, January 1995-)
Diplôme d'Études Approfondies, Université de Paris VIII, Vincennes à Saint Denis; Laurea and Doctorate in Philosophy, Università degli Studi di Milano
- Richard Bosman**, Visiting Assistant Professor of Art (1995-)
Graduate of The Byam Shaw School of Painting and Drawing, London; The New York Studio School; Skowhegan School of Painting and Sculpture
- * **Bruce Brasell**, Adjunct Instructor of Film (January-June 2006-)
B.S., University of South Alabama; M.A., Ph.D., New York University
- Lisa Brawley**, Visiting Assistant Professor of Urban Studies and Women's Studies (2000-)
B.A., Davidson College; M.A., New York University; Ph.D., University of Chicago
- * **Isolde Brielmaier**, Adjunct Assistant Professor of Art (2003-)
B.A., Ph.D., Columbia University
- Robert K. Brigham**, Professor of History (1994-) on the Shirley Ecker Boskey Chair of International Relations
B.A., State University of New York, Brockport; M.A., University of Rhode Island; Ph.D., University of Kentucky
- Susan Hawk Brisman**, Associate Professor of English (1973-)
A.B., Vassar College; M.A., Ph.D., Yale University
- Gwen J. Broude**, Professor of Psychology (1976-)
A.B., Hunter College; A.M., Ph.D., Harvard University
- Anthony Brown**, Assistant Athletic Director and Lecturer of Physical Education (1995-)
B.A., Arizona State University; M.S., George Mason University
- Robert D. Brown**, Professor of Classics (1983-) on the Sarah Miles Raynor Chair
B.A., Corpus Christi College, Oxford University; M.A., D.Phil., Oxford University
- Steven Buonfiglio**, Assistant Athletic Director and Lecturer of Physical Education, (1998-)
B.S.E., State University of New York at Cortland; M.S., University of Illinois
- Andrew Bush**, Professor of Hispanic Studies (1983-)
A.B., Brown University; M.Phil., Ph.D., Yale University
- Kathy Ann Campbell**, Professor of Physical Education (1978-)
B.S., M.S., University of Wisconsin at La Crosse
- Linda Cantor**, Visiting Instructor of Education (1997-)
B.A., M.A., City University of New York at Brooklyn College
- * **Ronald Carbone**, Adjunct Lecturer of Music (2000-)
B.M., Florida State University; M.M., Yale University
- Light Carruyo**, Assistant Professor of Sociology (2002-)
B.A., Oberlin College; M.A., Ph.D., University of California, Santa Barbara
- * **Kristin Sanchez Carter**, Visiting Assistant Professor of English (2003-)
A.B., Stanford University; M.A., Ph.D., University of California, Los Angeles
- * **Frank Cassara**, Adjunct Instructor in Music (2000-)
B.M., M.M., Manhattan School of Music
- * **Barbara Cavalieri**, Adjunct Instructor of Mathematics (January 2005-)
B.A., M.A., State University of New York, Albany

- Patricia-Pia C el erier**, Associate Professor of French (1984-)
Dipl me d' tudes Universitaires G n rales; Licence  s lettres; Ma trise  s lettres; Dipl me
d' tudes Approfondies, Doctorat  s Lettres, Sorbonne-Paris IV
- Mario Cesareo**, Associate Professor of Hispanic Studies (1994-)
B.A., University of California, Irvine; M.A., Ph.D., University of Minnesota
- James F. Challey**, Lecturer of Physics and Science, Technology, and Society (1973-)
B.A., University of North Dakota; M.A., Princeton University
- * **Arthur D. Champlin, III**, Lecturer of Music (1979-)
A.B., Bard College
- Heesok Chang**, Associate Professor of English (1992-)
B.A., University of British Columbia; M.A., Ph.D., Stanford University
- Peter M. Charlap**, Associate Professor of Art (1979-)
B.F.A., University of Pennsylvania; M.F.A., Yale School of Art
- Sumita Choudhury**, Associate Professor of History (1997-)
B.A., Haverford College; M.A., University of North Carolina; Ph.D., Northwestern
University
- Carol A. Christensen**, Professor of Psychology (1973-)
B.S., Montana State University; Ph.D., Stanford University
- * **Lynn Christenson**, Adjunct Instructor of Environmental Studies (August-December
2005-)
B.S., University of Winnipeg; M.S., SUNY College of Environmental Science and
Forestry
- Frederick R. Chromey**, Professor of Astronomy (1981-) on the Matthew Vassar, Jr.
Chair
B.S., St. Joseph's College; Ph.D., Harvard University
- Jennifer Church**, Professor of Philosophy (1982-)
B.A., Macalester College; M.A., Ph.D., University of Michigan
- John Mark Cleaveland**, Assistant Professor of Psychology (2003-)
B.A., Brown University; Ph.D., Duke University
- Gabrielle H. Cody**, Associate Professor of Drama and Film (1992-)
B.A., Mount Holyoke College; M.F.A., University of Minnesota; M.F.A., D.F.A., Yale
University
- Colleen Ballerino Cohen**, Professor of Anthropology and Women's Studies (1978-79,
1981-)
B.A., Empire State College; M.A., Ph.D., State University of New York, Albany
- Miriam J. Cohen**, Professor of History (1977-) on the Evelyn Clark Chair
A.B., University of Rochester; M.A., Ph.D., University of Michigan
- * **Elizabeth Collins**, Adjunct Assistant Professor of Biology (August-December 2005-)
B.S., The Pennsylvania State University; Ph.D., The University of Virginia
- Lisa Collins**, Associate Professor of Art, (1998-) on the Class of 1951 Chair
B.A., Dartmouth College; Ph.D., University of Minnesota
- Randolph R. Cornelius**, Professor of Psychology (January 1982-)
B.A., University of Florida; M.S., Ph.D., University of Massachusetts
- * **Dean Crawford**, Visiting Associate Professor of English (1988-)
B.A., University of North Carolina, Chapel Hill; M.A., Stanford University
- Erica J. Crespi**, Assistant Professor of Biology (2005-)
B.A., Ph.D., University of Chicago
- Todd William Crow**, Professor of Music (1969-)
B.A., University of California at Santa Barbara; M.S., Juilliard School
- Mary Ann Cunningham**, Assistant Professor of Geology and Geography (2001-) on the
Mary Clark Rockefeller Chair
B.A., Carleton College; M.A., University of Oregon; Ph.D., University of Minnesota
- Jeffrey Cynx**, Associate Professor of Psychology (1993-)
B.A., St. John's College; M.A., Ph.D., Johns Hopkins University
- * **Mary Ellen Czesak**, Adjunct Assistant Professor of Biology (January-June 2002-)
B.S., M.S., Rutgers University; Ph.D., University of Kentucky
- Roman Czula**, Professor of Physical Education (1975-)
B.A., M.A., Queens College
- Eve D'Ambra**, Professor of Art (1990-)
B.A., University of Arizona; M.A., University of California, Los Angeles; Ph.D., Yale
University

* Part time.

- Brian Daly**, Assistant Professor of Physics (2005-)
B.S., College of the Holy Cross; M.A., Ph.D., Brown University
- Cynthia Damer**, Assistant Professor of Biology (1999-)
B.A., Oberlin College; Ph.D., University of Virginia
- Beth Darlington**, Professor of English (1967-)
B.A., University of Wisconsin; M.A., Ph.D., Cornell University
- Andrew Davison**, Associate Professor of Political Science (1996-)
B.A., Lafayette College; M.A., University of Delaware; Ph.D., University of Minnesota
- Nicholas A. de Leeuw**, Visiting Assistant Professor of Psychology (1995-)
A.B., Vassar College; Ph.D., University of Pittsburgh
- Robert DeMaria**, Professor of English (1975-) on the Henry Noble MacCracken Chair
B.A., Amherst College; Ph.D., Rutgers University
- * **Darlene Deporto**, Adjunct Instructor of Sociology (January-June 1997-)
A.B., Vassar College; M.A., State University of New York, New Paltz
- Allison R. Deratzian**, Visiting Assistant Professor of Geology and Geography (2003-)
B.S., Lafayette College; Ph.D., University of Pennsylvania
- Hiromi Tsuchiya Dollase**, Assistant Professor of Chinese and Japanese (2003-)
B.A., M.A., Baika Women's College; M.A., Illinois State University; Ph.D., Purdue University
- Zachary Donhauser**, Assistant Professor of Chemistry (2004-)
B.S., Providence College; Ph.D., The Pennsylvania State University
- * **Margaretta Downey**, Adjunct Instructor in American Culture, (January-May 1999-)
B.A., Smith College
- Wenwei Du**, Associate Professor of Chinese and Japanese (1994-)
B.A., Fudan University, Shanghai, China; M.A., Ph.D., Washington University
- Eve Dunbar**, Assistant Professor of English (2004-)
B.A., Pennsylvania State University; M.A., Ph.D., University of Texas, Austin
- Leslie C. Dunn**, Associate Professor of English (1985-)
B.A., Yale University; M.A., Ph.D., University of Cambridge
- Michael Dutton**, Lecturer in Physical Education and Assistant Director of Athletics (1995-)
B.S., University of New Hampshire; M.S., University of Massachusetts
- Sarah Dwyer-Shick**, Lecturer in Athletics (2005-)
B.A., Smith College; M.S.M., University of Denver
- Eric Eberhardt**, Associate Professor of Chemistry (1997-)
B.S., St. Lawrence University; Ph.D., University of Wisconsin
- Rebecca B. Edwards**, Associate Professor of History (1995-)
B.A., College of William and Mary; M.A., Ph.D., University of Virginia
- Thomas Ellman**, Associate Professor of Computer Science (1998-)
B.A., Wesleyan University; M.S., M. Phil., Ph.D., Columbia University
- Debra M. Elmegreen**, Professor of Astronomy (January-June 1985, 1986, 1988-) on the Maria Mitchell Chair
A.B., Princeton University; A.M., Ph.D., Harvard University
- Marc Epstein**, Associate Professor of Religion and Jewish Studies (1992-)
B.A., Oberlin College; M.Phil., M.A., Ph.D., Yale University
- Lisa Farwell**, Visiting Associate Professor of Psychology (January-December 2005)
B.A., M.A., California State University, Northridge; Ph.D., University of California, Santa Barbara
- Paul Fenouillet**, Visiting Instructor of French (August-December 1993, August-December 1994, 1995-96, 1998-)
Diplôme d'Etudes Universitaires Générales, Licence, Maîtrise, Université Michel de Montaigne Bordeaux III, France
- Frances D. Fergusson**, Professor of Art (1986-) and President
B.A., Wellesley College; M.A., Ph.D., Harvard University
- John A. Feroe**, Professor of Mathematics (1974-) and Assistant to the President (July 2004-)
B.A., St. Olaf College; M.A., Ph.D., University of California, San Diego
- Judy A. Finerghy**, Associate Professor in Physical Education (1993-)
B.S., Guilford College

* Part time.

- Nikolai Firtich**, Assistant Professor of Russian Studies (2000-)
M.Phil., Ph.D., Yale University
- Sean Masaki Flynn**, Assistant Professor of Economics (2002-)
B.A., M.A., University of Southern California; M.S., Ph.D., University of California, Berkeley
- * **Glenn Forley**, Adjunct Assistant Professor of Art (2005-)
A.B., Brown University; M.A., Harvard
- Donald W. Foster**, Professor of English (1986-) on the Jean Webster Chair
B.A., Wheaton College, Wheaton, Illinois; M.A., Ph.D., University of California, Santa Barbara
- Natalie Frank**, Assistant Professor of Mathematics (2001-)
B.S., Tulane University; Ph.D., University of North Carolina
- * **Amy Freeman**, Adjunct Assistant Professor of Geography (January-June 2006-)
B.A., Kalamazoo College; M.A., Université Paul Valéry-Montpellier III (France); Ph.D., University of Washington
- * **Natalie Friedman**, Lecturer of English (2004-) and Writing Specialist (2004-)
B.A., Vassar College; M.A., Ph.D., New York University
- Rachel Friedman**, Assistant Professor of Classics (1997-)
B.A., Barnard College; M.A., M.Phil., Ph.D., Columbia University
- Robert S. Fritz**, Professor of Biology (1983-) on the Althea Ward Clark Chair
A.B., Hartwick College; M.S., State University of New York College of Environmental Science and Forestry, Syracuse; Ph.D., University of Maryland, College Park
- * **Merellyn M. Gallagher**, Lecturer of Music and the College Organist (1969-70, 1972-)
A.B., Smith College; M.A., University of Minnesota
- * **Carmen M. Garcia**, Visiting Instructor of Education (2003-)
B.A., M.A., State University of New York, Buffalo; M.A., New York University
- Mansouria Geist**, Visiting Instructor of French (2000-)
B.A., University of Paris-Sorbonne; M.A. Institut d'Etudes Politiques de Paris, M.A., New York University
- Bruce Gillman**, Lecturer in Athletics (2005-)
B.A., The University of Rochester
- Priscilla Gilman**, Assistant Professor of English (2002-)
B.A., Ph.D., Yale University
- Eugenio L. Giusti**, Associate Professor of Italian (1992-)
Diploma, Scuola Magistrale Statale, Lucca, Italy; Dottore in Filosofia, University of Florence, Italy; Ph.D., New York University
- Brian J. Godfrey**, Professor of Geography (1985-)
B.A., Pomona College; M.A., Ph.D., University of California, Berkeley
- Judith L. Goldstein**, Professor of Anthropology (1976-)
B.A., University of Chicago; M.A., Ph.D., Princeton University
- Christopher Grabowski**, Associate Professor of Drama and Film (1994-)
B.A., University of California at Santa Cruz; M.F.A., Yale School of Drama
- Wendy Graham**, Associate Professor of English (January 1988-)
B.A., University of California, Berkeley; M.A., M.Phil., Ph.D., Columbia University
- Janet Gray**, Professor of Psychology (January 1983-), Visiting Assistant Professor of Biology (January-May 1982)
B.A., Simmons College; M.S., Ph.D., University of Massachusetts
- Gayle Green**, Visiting Instructor of Sociology (2004-)
B.A., Vanderbilt University; M.A., University of Chicago
- Eamon Grennan**, Professor of English (1974-) on the Dexter M. Ferry, Jr. Chair
B.A., M.A., University College, Dublin; A.M., Ph.D., Harvard University
- * **Zareena Grewal**, Adjunct Instructor of Anthropology (2005-)
B.A., M.A., University of Michigan, Ann Arbor
- Mihai Grünfeld**, Associate Professor of Hispanic Studies (1987-)
B.A., University of Toronto; M.A., University of Michigan, Ann Arbor; Ph.D., University of California, Berkeley
- Maramé Gueye**, Mellon Post-Doctoral Fellow in Africana Studies (2004-)
B.A., M.A., Cheikh Anta Diop University, Senegal; Ph.D., State University of New York, Binghamton
- * **Larry L. Guy**, Lecturer of Music (1994-)
B.M., Oberlin College; M.M., Catholic University

* Part time.

- * **Doris Wexler Haas**, Adjunct Instructor of Mathematics (August-December 1992, August-December 1994-)
B.S., State University of New York, Albany; M.A., Adelphi University
- * **Betty Jean Hagen**, Lecturer of Music (1988-)
Diploma, Royal Conservatory, Toronto
- Christina N. Hammond**, Lecturer of Chemistry and Coordinator of Laboratory Instruction (1961-67, 1968-70, 1971-)
B.S., State University of New York at Albany; M.S., Vassar College
- * **Michael Hanagan**, Adjunct Associate Professor of History (2003-)
B.A., University of Illinois; M.A., Ph.D., University of Michigan
- Hayden Harker**, Visiting Assistant Professor of Mathematics (2005-)
B.A., Oberlin College; M.S., Ph.D., University of Oregon
- * **Joshua Harmon**, Adjunct Instructor of English (2004-)
B.A., Marlboro College; M.F.A., Cornell University
- Diane Harriford**, Associate Professor of Sociology (January 1988-)
B.A., Oberlin College; M.A., Ph.D., State University of New York, Stony Brook
- Luke C. Harris**, Associate Professor of Political Science (1990-)
B.A., Saint Joseph's University; J.D., LL.M., Yale Law School; Ph.D., Princeton University
- Kathleen Hart**, Associate Professor of French (1993-)
B.A., University of Florida; M.A., University of California, Irvine; Ph.D., University of Pennsylvania
- Leah Haus**, Professor in Political Science (1996-)
B.A., Sussex University; Ph.D., Brandeis University
- Richard B. Hemmes**, Associate Professor of Biology (1972-)
A.B., Antioch College; Ph.D., Duke University
- Lawrence A. Herbst**, Associate Professor of Economics (1970-)
A.B., Dartmouth College; A.M., Ph.D., University of Pennsylvania
- Susan Hiner**, Assistant Professor of French, (1998-)
B.A., University of Virginia; M.A., M. Phil., Ph.D., Columbia University
- Katherine Hite**, Associate Professor of Political Science (1997-)
B.A., Duke University; M.I.A., Ph.D., Columbia University
- * **Dalia Y. Hochman**, Adjunct Instructor of Education (2005-)
B.A., Yale University
- Maria Höhn**, Associate Professor of History (1996-)
B.A., Millersville State University; Ph.D. University of Pennsylvania
- Kevin Holloway**, Associate Professor of Psychology (1999-)
B.A., Franklin and Marshall College; M.A., Ph.D., University of Texas at Austin
- David Hovemeyer**, Visiting Assistant Professor of Computer Science (2005-)
B.A., Earlham College; M.S., Ph.D., University of Maryland
- Christine Howlett**, Visiting Instructor of Music (2003-)
B.A., University of Toronto; M.A., Indiana University
- William Hoynes**, Professor of Sociology (1992-)
B.A., Tufts University; M.A., Ph.D., Boston College
- Peter Huenink**, Associate Professor of Art (1975-)
A.B., Princeton University; A.M., Ph.D., Harvard University
- Susan M. Hughes**, Visiting Assistant Professor of Psychology (2004-)
B.S., State University of New York, Binghamton; Ph.D., University of New York, Albany
- Holly K. Hummel**, Lecturer and Costume Designer/Costumer of Drama and Film (1981-)
B.A., State University of New York, Buffalo; M.A., Montclair State College
- Luke Hunsberger**, Assistant Professor of Computer Science (2000-)
B.A., M.A., University of Oregon; Ph.D., Harvard University
- Nancy M. Ide**, Professor of Computer Science (1982-)
B.S., B.A., M.A., Ph.D., Pennsylvania State University
- Ann Imbrie**, Professor of English (1979-) on the Mary Augusta Scott Chair
B.A., Smith College; M.A., Ph.D., University of North Carolina
- Viktoria Ivleva**, Visiting Instructor of Russian Studies (2005-)
B.H., M.E., Russian State Pedagogical University; M.A., Smith; M.A., University of Wisconsin, Madison

* Part time.

- David Jansson**, Visiting Assistant Professor of Geology/ Geography (2005-)
A.B., Cornell University; M.S., Ph.D., The Pennsylvania State University
- E. H. Jarow**, Associate Professor of Religion (1990-91, 1994-)
B.A., M.A., M.Phil., Ph.D., Columbia University
- Geoffrey A. Jehle**, Professor of Economics (1981-)
B.A., Kalamazoo College; M.A., Ph.D., Princeton University
- David K. Jemiolo**, Associate Professor of Biology (1986-)
B.S., University of Lowell, Massachusetts; Ph.D., University of Virginia
- Andrew M. Jennings**, Professor of Physical Education (1981-)
B.Ed., Exeter University; M.A., College of William and Mary; Ph.D., University of Maryland
- Colton Johnson**, Professor of English (1965-)
B.A., M.A., Ph.D., Northwestern University
- Lucy Lewis Johnson**, Professor of Anthropology (1973-)
B.S., Ph.D., Columbia University
- Paul A. Johnson**, Professor of Economics (1995-)
B.Econ., University of Queensland; Ph.D., Stanford University
- Shirley B. Johnson**, Associate Professor of Economics (1967-)
A.B., Radcliffe College; M.A., University of Edinburgh; Ph.D., Columbia University
- Jason Jones**, Visiting Assistant Professor of Biology (2004-)
B.S. University of Victoria; Ph.D., Queen's University
- Michael Joyce**, Professor of English, (1992-)
B.A., Canisius College; M.F.A., University of Iowa Writers Workshop
- * **Jonathon S. Kahn**, Adjunct Assistant Professor of Religion (2005-)
A.B., Princeton University; M.A., M.Phil., Ph.D., Columbia University
- Jesse G. Kalin**, Professor of Philosophy (1971-) on the Andrew W. Mellon Chair
B.A., Stanford University; Ph.D., University of California, Berkeley
- Jean Kane**, Associate Professor of English (1997-)
B.A., Indiana University; M.A., Stanford University; Ph.D., University of Virginia
- T. Paul Kane**, Professor of English (1990-)
B.A., Yale University; M.A., University of Melbourne; M.A., M.Phil., Ph.D., Yale University
- Martha Kaplan**, Professor of Anthropology (1990-)
B.A., Bryn Mawr College; M.A., Ph.D., University of Chicago
- Sarjit Kaur**, Associate Professor of Chemistry (August-December 1994, 1995-)
B.S., Fairleigh Dickinson University; M.S., Vassar College; Ph.D., Rensselaer Polytechnic Institute
- David A. Kennett**, Professor of Economics (1976-)
B.A., Sussex University; M.Phil., Ph.D., Columbia University
- Patricia A. Kenworthy**, Professor of Hispanic Studies (1976-2005)
B.A., Duke University; M.A., Ph.D., University of Arizona
- Cynthia B. Kerr**, Professor of French (1976-)
A.B., Vassar College; M.A., Ph.D., Stanford University
- Christopher W. Kilby**, Associate Professor of Economics (1993-)
A.B., Harvard University; Ph.D., Stanford University
- * **Howard Kilik**, Adjunct Lecturer of Dance (1996-)
B.M., M.M., Julliard School
- Bruce King**, Blegen Fellow in Classics (2005-)
B.A., M.A., Ph.D., University of Chicago
- M. Rachel Kitzinger**, Professor of Classics (January 1982-) on the Matthew Vassar, Jr. Chair
B.A., Swarthmore College; Ph.D., Stanford University
- Günter F. Klabes**, Associate Professor of German Studies (1974-)
M.A., Duke University; Ph.D., University of North Carolina
- Alexis Klimoff**, Professor of Russian Studies (1971-) on the Louise Boyd Lichtenstein Dale Chair
B.A., M.A., Michigan State University; Ph.D., Yale University
- Timothy Koehlin**, Visiting Associate Professor of Economics (2001-)
B.A., Ph.D., University of Massachusetts
- Sarah R. Kozloff**, Professor of Film (January 1988-)
B.A., Dartmouth College; Ph.D., Stanford University

* Part time.

- Ki Kroll**, Visiting Lecturer in Athletics (2005-)
B.S., Eastern New Mexico University
- Amitava Kumar**, Professor of English (2005-)
B.A., M.A., Delhi University; M.A., Syracuse University; Ph.D., University of Minnesota
- Susan Donahue Kuretsky**, Professor of Art (1975-) on the Sarah G. Blanding Chair
A.B., Vassar College; A.M., Ph.D., Harvard University
- * **Jeffrey Lang**, Adjunct Instructor of Music (2005-)
B.M., Julliard School
- Daniel G. Lawrence**, Lecturer of Physics and Coordinator of Laboratory Instruction (1990-)
B.S., M.S., University of Maine, Orono
- Kiese Laymon**, Assistant Professor of English (2001-)
B.A., Oberlin College; M.F.A. Indiana University
- Margaret Leeming**, Visiting Instructor of Religion (2001-)
B.A., University of Connecticut; M.A., University of California, Santa Barbara
- Joy Lei**, Assistant Professor of Education (1999-)
B.A., University of California at Santa Barbara; M.S., Ph.D., University of Wisconsin-Madison
- Eileen B. Leonard**, Professor of Sociology (1975-)
B.A., Emmanuel College; M.A., Ph.D., Fordham University
- * **Peter Leonard**, Lecturer of Urban Studies (1985-) and Director of Field Work (1995-)
B.A., St. Francis College; M.A., Queens College; Ph.D., Graduate Center, City University of New York
- Kathryn Shanks Libin**, Assistant Professor of Music (1989-91; 1992-)
B.M., Oberlin Conservatory; M.A., Ph.D., New York University
- Lynn R. LiDonnici**, Associate Professor of Religion (1994-)
B.A., Hunter College, City University of New York; M.A., Ph.D., University of Pennsylvania
- Tiffany Lightbourn**, Assistant Professor of Psychology (2000-)
B.A., Beloit College; M.A., Ph.D., University of Michigan
- * **Nancy Willard Lindbloom**, Lecturer in Education and English (1965-)
B.A., University of Michigan; M.A., Stanford University; Ph.D., University of Michigan
- * **Judy Linn**, Adjunct Instructor of Art, (January-May 1999-)
B.F.A., Pratt Institute
- Haoming Liu**, Assistant Professor of Chinese and Japanese, (2003-)
B.A., Peking University; M.A., Ph.D., Yale University
- Kenneth R. Livingston**, Professor of Psychology (1977-)
A.B., M.A., Ph.D., Harvard University
- James Lombardi**, Associate Professor in Physics, (1998-)
B.A., Princeton University; M.S., Ph.D., Cornell University
- Joanne T. Long**, Adjunct Assistant Professor of English (1978-80, 1981-82, 1984-92, 1993-) and Dean of Freshmen (2005-)
B.A., Adelphi University; M.A., Ph.D., Rutgers University
- * **John H. Long, Jr.**, Professor of Biology (1991-)
B.A., College of the Atlantic; Ph.D., Duke University
- Timothy Longman**, Associate Professor of Political Science and Africana Studies (1996-)
B.A., Phillips University; M.A., Ph.D., University of Wisconsin, Madison
- John B. Lott**, Associate Professor of Classics (1997-)
B.A., Washington University in St. Louis; Ph.D. University of Pennsylvania
- Benjamin A. Lotto**, Associate Professor of Mathematics (1993-)
B.S., Yale University; Ph.D., University of California, Berkeley
- Candace Lowe**, Visiting Assistant Professor of Anthropology (2004-)
B.A., Fisk University; Ph.D. Indiana University
- Richard J. Lowry**, Professor of Psychology (1965-) on the Jacob P. Giraud, Jr. Chair
B.A., Southern Methodist University; Ph.D., Brandeis University
- Karen Lucic**, Professor of Art (1986-)
B.A., University of California, Berkeley; M.A., M.Phil., Ph.D., Yale University

* Part time.

- Brian Lukacher**, Associate Professor of Art (1986-)
B.A., New College; M.A., Williams College; Ph.D., University of Delaware
- William E. Lunt**, Associate Professor of Economics (1974-76, 1977-)
B.A., University of New Hampshire; Ph.D., Stanford University
- Jennifer Ma**, Assistant Professor of Psychology (2002-)
B.A., Stanford University; M.A., Ph.D., University of Colorado
- Lawrence H. Mamiya**, Professor of Religion and Africana Studies (1975-) on the Mattie M. Paschall Davis and Norman H. Davis Chair
B.A., University of Hawaii; M.Div., Union Theological Seminary; M.Phil., Ph.D., Columbia University
- Brian R. Mann**, Associate Professor of Music (1982-83, 1987-)
B.Mus., University of Edinburgh; M.A., Ph.D., University of California, Berkeley
- Alan Marco**, Assistant Professor of Economics (2000-)
B.A., Skidmore College; Ph.D., University of California, Berkeley
- * **Maria Marewski**, Adjunct Instructor of Urban Studies (2004-)
B.A., M.A., University of Maryland, College Park
- Marsha Mark**, Visiting Associate Professor of English (2001-)
B.A., M.A., Northwestern University
- Zoltan Markus**, Assistant Professor of English (2004-)
B.A., M.A., Loránd Eötvös University, Budapest, Hungary; M.Phil., University of Birmingham, UK; M.A., Ph.D., New York University
- Miranda J. Martinez**, Assistant Professor of Sociology (2002-)
B.A., Clark University; M.A., Ph.D., New York University
- Mia Mask**, Assistant Professor of Drama and Film (2000-)
B.A., Tufts University; M.A., Ph.D., New York University
- Angel Mason**, NCAA Intern in Athletics (2005-)
B.A., Butler University
- Yuko Matsubara**, Visiting Instructor of Chinese and Japanese (2000-)
B.A., University of Reitaku; B.A., University of Stirling, M.A., State University of New York, New Paltz
- Brian McAdoo**, Assistant Professor of Geology (January 1997-) on the Mary Clark Rockefeller Chair
B.S., Duke University; Dip. Sci., University of Otago; Ph.D., University of California at Santa Cruz
- Robert E. McAulay**, Associate Professor of Sociology (1978-)
B.A., M.A., University of New Mexico; Ph.D., Washington University
- Michael McCarthy**, Professor of Philosophy (1968-) on the Frederick Weyerhaeuser Chair
A.B., Notre Dame; M.A., Ph.D., Yale University
- John H. McCleary**, Professor of Mathematics (1979-)
B.A., LaSalle College; M.A., Ph.D., Temple University
- James McCowan**, Lecturer in Athletics (2005-)
B.A., Vassar College; M.A., Springfield College
- * **Dana McCurdy**, Lecturer of Music (1991-)
B.A., Columbia University
- * **Thomas McGlinchey**, Adjunct Instructor of American Culture (August-December 1999-)
B.A., Canisius College; M.A., Harvard University
- * **David Means**, Adjunct Assistant Professor of English (August-December 2004-)
B.A., College of Wooster; M.F.A., Columbia University
- John F. Meehan**, Visiting Professor of Dance (2005-)
- Leathem Mehaffey III**, Associate Professor of Biology (1973-)
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- Himadeep Muppidi**, Assistant Professor of Political Science (2000-)
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B.S., State University of New York at Cortland; M.S., State University of New York-Stony Brook
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- Peter C. Pappas**, Professor of Mathematics (1983-)
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- Jane Parker**, Assistant Professor of Physical Education (January 2000-)
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- Alexander MacKenzie Thompson III**, Professor of Economics (1977-) and Dean of Studies (1995-)
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- Roberta Wells Trainor**, Professor of Education (1975-) and Director of Elementary Education
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- Susan Trumbetta**, Assistant Professor of Psychology (1999-)
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- Michele Tugade**, Assistant Professor of Psychology (2004-)
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- Dan Ungurianu**, Associate Professor of Russian Studies (1999-)
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- Bryan W. Van Norden**, Associate Professor of Philosophy (1995-)
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- * **Frederick Van Tassell**, Adjunct Lecturer of Economics (1999-)
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- Linta Varghese**, Mellon Post-Doctoral Fellow of American Culture (2004-)
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- Kimberly Vega**, Visiting Instructor of Hispanic Studies (2004-)
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- Anton Vishio**, Visiting Instructor of Music (2005-)
B.A., Princeton University
- Louis E. Voerman**, Visiting Associate Professor of Computer Science (1983-)
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- Silke von der Emde**, Associate Professor of German Studies (1994-)
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- Jennifer Walter**, Assistant Professor of Computer Science (2001-)
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- Andrew M. Watsky**, Associate Professor of Art (1994-)
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B.S., Pennsylvania State University; Ph.D., University of Minnesota
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- Judith Weisenfeld**, Associate Professor of Religion (2000-)
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- Tova Weitzman**, Lecturer of Religion (1986-)
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- * **Mark Wheeler**, Adjunct Instructor of Drama (2005-)
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- * **Maria White**, Adjunct Lecturer of Music (February-May 1999, 1999-)
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- * **Jessica Winston**, Adjunct Lecturer of Art (1997-)
B.A., Brown University; M.A., Williams College; M. Phil., Ph.D., Columbia University
- Eva Woods**, Assistant Professor of Hispanic Studies (2000-)
B.A., M.A., University of Kansas; Ph.D., State University of New York, at Stony Brook
- Neil Worden**, Visiting Assistant Professor of Drama (2002-)
B.F.A., University of Colorado; M.F.A., University of Washington
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B.A., Barnard College; M.A., Ph.D., Yale University
- Samantha Zacher**, Assistant Professor of English (2002-)
B.A., Vassar College; M.A., Ph.D., University of Toronto
- Debra Zeifman**, Associate Professor of Psychology (1996-)
B.S., M.A., Ph.D., Cornell University
- Yu Zhou**, Associate Professor of Geography (1995-)
B.S., M.S., Beijing University; Ph.D., University of Minnesota
- Susan Zlotnick**, Associate Professor of English (1989-)
B.A., M.A., Ph.D., University of Pennsylvania

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- * **Lynn Capozzoli**, Director of Exploring Program at Vassar Farm (1995-)
B.A., M.A., State University of New York, New Paltz
- Jacques Chaput**, Teacher of the Exploring Program at the Vassar Farm (1998-)
Ed.B., M.A.T., Rhode Island College
- Richard S. Jones II**, Curator of Foreign Language Resource Center (December 1983-)
B.S., State University of New York, New Paltz
- Karen Murley**, Curator and Concert Administrator (2000-)
B.S., Millersville University; M.L.S., Vanderbilt University
- Greg Priest-Dorman**, Laboratory Coordinator and Systems Administrator, Computer Science (2000-)
B.A., Vassar College

* Part time.

Debra A. Ratchford, Laboratory Coordinator, Psychology (1992-)
A.A.S., Dutchess Community College; B.A., State University of New York, New
Paltz

Degree Programs

The following list of degree programs is consistent with the inventory of registered degree and certificate programs maintained by the Education Department of the State of New York. Enrollment in other than the following registered programs may jeopardize a student's eligibility for certain student aid awards.

PROGRAM	HEGIS CODE	DEGREE(S)
Africana Studies	2211	AB
American Culture	0313	AB
Anthropology	2202	AB
Anthropology-Sociology	2208	AB
Art	1003	AB
Asian Studies	0302	AB
Astronomy	1911	AB
Biology	0401	AB
Biochemistry	0414	AB
Chemistry	1905	AB
Chinese	1107	AB
Classical Studies: Latin	1109	AB
Classical Studies: Greek	1110	AB
Classical Studies: Ancient Societies	1504	AB
Cognitive Science	4901	AB
Computer Science	0701	AB
Drama	1007	AB
Earth Science and Society	2206	AB
Economics	2204	AB
Environmental Studies	0420	AB
English	1501	AB
Film	1010	AB
French	1102	AB
Geography-Anthropology	2206	AB
Geography	2206	AB
Geology	1914	AB
German Studies	1103	AB
Hispanic Studies	1105	AB
History	2205	AB
Independent Program	4901	AB
International Studies	2210	AB
Italian	1104	AB
Japanese	1108	AB
Jewish Studies	2299	AB
Latin American and Latino/a Studies	0308	AB
Mathematics	1701	AB
Media Studies	0605	AB
Medieval and Renaissance Studies	4903	AB
Music	1005	AB
Neuroscience and Behavior	2099	AB
Philosophy	1509	AB
Physics	1902	AB
Political Science	2207	AB
Psychology	2001	AB
Religion	1510	AB
Russian Studies	1106	AB
Science, Technology and Society	4903	AB
Sociology	2208	AB
Urban Studies	2214	AB
Victorian Studies	4903	AB
Women's Studies	4903	AB

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