
The University of Richmond is committed to developing a diverse workforce and student body, and to modeling an inclusive campus community which values the expression of differences in ways that promote excellence in teaching, learning, personal development and institutional success. (<http://commonground.richmond.edu/>)

Non-Discrimination Policy

The University of Richmond prohibits discrimination and harassment against applicants, students, faculty or staff on the basis of race, religion, national or ethnic origin, age, sex, sexual orientation, disability, status as a veteran or any classification protected by local, state or federal law.

Copies of the complete “Harassment and Discrimination Policy (including Sexual Harassment)” are included in student handbooks, faculty handbooks and in the published guidelines for University of Richmond support staff. Copies are also available at the dean’s office of each college and school and the Department of Human Resource Services. For further information, students should contact the dean of their school or residential college; staff should contact the director of Human Resource Services; and faculty should contact the dean of their school.

Any inquiries regarding the University’s policies in these areas should be directed to the Office of the Vice President for Student Development, University of Richmond, Virginia 23173. Telephone: (804) 289-8032.

Disclaimer

The contents of this catalog represent the most current information available at the time of publication. However, during the period of time covered by this catalog, it is reasonable to expect changes to be made with respect to this information without prior notice. Thus, the provisions of this catalog are not to be regarded as an irrevocable contract between the University (or any of its colleges or schools) and the student.



UNDERGRADUATE

ACADEMIC SCHOOLS
School of Arts and Sciences
Robins School of Business
Jepson School of Leadership Studies

COORDINATE COLLEGES
Richmond College
Westhampton College

University of Richmond, Virginia 23173
(804) 289-8000
www.richmond.edu

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ACADEMIC CALENDARS 2006–2008

FALL SEMESTER 2006

Aug. 23, Wed.	School of Arts and Sciences: New students arrive; begin orientation
Aug. 25, Fri.	Registration/problem resolution for entering students
Aug. 28, Mon.	Classes begin
Sept. 4, Mon.	Labor Day (classes meet)
Sept. 8, Fri.	Last day to file for May/August graduation
Oct. 13, Fri.	Last day of classes prior to fall break (Residence halls remain open)
Oct. 18, Wed.	Classes resume
Nov. 21, Tues.	Thanksgiving break begins after classes
Nov. 27, Mon.	Classes resume
Dec. 11-19, Mon.–Tues.	Fall term examination period
Dec. 19, Tues.	Fall term ends

SPRING SEMESTER 2007

Jan. 15, Mon.	Classes begin
Feb. 2, Fri.	Last day to file for May/August graduation, if not filed earlier
Mar. 2, Fri.	Spring break begins after classes
Mar. 12, Mon.	Classes resume
Apr. 30–May 5, Mon.–Sat.	Spring term examination period
May 5, Sat.	Spring term ends
May 13, Sun.	Baccalaureate Service and Spring Commencement

SUMMER SESSION 2007

The Summer School Calendar for 2007 will be announced during the Fall 2006 term.

FALL SEMESTER 2007

Aug. 22, Wed.	School of Arts and Sciences: New students arrive; begin orientation
Aug. 24, Fri.	Registration/problem resolution for entering students
Aug. 27, Mon.	Classes begin
Sept. 3, Mon.	Labor Day (classes meet)
Sept. 14, Fri.	Last day to file for May/August graduation
Oct. 12, Fri.	Last day of classes prior to fall break (Residence halls remain open)
Oct. 17, Wed.	Classes resume
Nov. 20, Tues.	Thanksgiving break begins after classes
Nov. 26, Mon.	Classes resume
Dec. 10–18, Mon.–Tues.	Fall term examination period
Dec. 18, Tues.	Fall term ends

SPRING SEMESTER 2008

Jan. 14, Mon.	Classes begin
Feb. 1, Fri.	Last day to file for May/August graduation, if not filed earlier
Mar. 7, Fri.	Spring break begins after classes
Mar. 17, Mon.	Classes resume
Apr. 23–May 3, Mon.–Sat.	Spring term examination period
May 3, Sat.	Spring term ends
May 11, Sun.	Baccalaureate Service and Spring Commencement

Addendum to the University of Richmond Academic Calendars 2006-2008

The list below is intended to familiarize the University community with major religious holidays affecting many throughout the campus. Inclusion on this list does not imply that the day is a University holiday but is provided to alert members of the Richmond community to possible scheduling conflicts. See the Class Attendance and University Holidays section of the catalog for more details.

Christian Holidays	2006-2007	2007-2008
Christmas	Mon, Dec 25, 2006	Tues, Dec 25, 2007
Good Friday	Fri, Apr 6, 2007	Fri, Mar 21, 2008
Easter Sunday	Sun, Apr 8, 2007	Sun, Mar 23, 2008
Easter Monday	Mon, Apr 9, 2007	Mon, Mar 24, 2008
Jewish Holidays	2006-2007	2007-2008
Rosh Hashanah	Sat, Sep 23 – Sun, Sep 24, 2006	Thurs, Sep 13 – Fri, Sep 14, 2007
Yom Kippur	Mon, Oct 2, 2006	Sat, Sep 22, 2007
Sukkot	Sat, Oct 7 – Sat, Oct 14, 2006	Thurs, Sep 27 – Thurs, Oct 4, 2007
Shemini Atzeret/ Simchat Torah	Sun, Oct 15, 2006	Fri, Oct 5, 2007
Hanukkah**	Sat, Dec 16 – Sat, Dec 23, 2006	Wed, Dec 5 – Wed, Dec 12, 2007
Passover	Tues, Apr 3 – Wed, Apr 4, 2007	Sun, Apr 20 – Mon, Apr 21, 2008
Passover (concluding days)	Mon, Apr 9 – Tues, Apr 10, 2007	Sat, Apr 26 – Sun, Apr 27, 2008
Shavuot	Wed, May 23, 2007	Mon, June 9, 2008

- Jewish holy days, religious festivals and the weekly Sabbath begin at sunset the preceding evening. On these days, observant Jews do not engage in daily activities or fulfill routine commitments.
- Many Jews who do not observe all holy days prefer to celebrate at their synagogue or at home on Rosh Hashanah, Yom Kippur and the first two evenings of Passover.

***This holiday does not require absence from routine commitments.*

Muslim Holidays	2006-2007	2007-2008
Eid-al-Fitr	Tues, Oct 24, 2006	Sat, Oct 13, 2007
Eid-al-Adha	Sun, Dec 31, 2006	Mon, Dec 31, 2007
Muslim New Year	Sat, Jan 20, 2007	Thurs, Jan 10, 2008

- All Muslim dates begin at sunset the preceding evening.
- The Muslim calendar year is based on the lunar cycle, consisting of 12 months of 29 or 30 days each, totaling 353 or 354 days. Each new month begins at the sighting of a new moon. Actual dates may differ by a day or two from the above dates. In many places, the moon sighting often is determined in advance by astronomical calculations.

For information regarding any of the following subjects, please write to the individual named:

Academic Schools

School of Arts and Sciences

Andrew F. Newcomb, Dean
Kathy W. Hoke, Director,
Graduate School of Arts and
Sciences

Robins School of Business

Jorge Haddock, Dean
Richard S. Coughlan,
Associate Dean for Graduate
and Executive Programs

Jepson School of Leadership Studies

J. Thomas Wren, Interim
Dean

T. C. Williams School of Law

Rodney A. Smolla, Dean

School of Continuing Studies

James L. Narduzzi, Dean

Coordinate Colleges

Richmond College, for men

Dan Fabian, Interim Dean

Westhampton College,

for women

Juliette L. Landphair, Dean

Admission and Transfer

School of Arts and Sciences

Pamela W. Spence, Dean

Robins School of Business

Terry M. Weisenberger,
Associate Dean

Jepson School of Leadership Studies

Teresa J. Williams, Associate
Dean

Business Matters

Fees and Payments

Annemarie Weitzel, Bursar

Financial Aid

Cynthia A. Deffenbaugh,
Director

Housing

Joan D. Lachowski, Director

Selected Administrative Offices

Athletics

James D. Miller, Director

Career Development Center

Leslie Stevenson, Director

Health Services

Lynne Pendleton Deane,
M.D., Director

Information Services

Kathy Monday, Vice
President for Information
Services

International Education

Uliana F. Gabara, Dean

Multicultural Affairs

Tinina Q. Cade, Director

Psychological Services

Peter O. LeViness,
Director

Records and Transcripts (Academic)

Susan D. Breeden,
University Registrar

Recreation and Wellness

Thomas Roberts,
Director

Religious Life

Daphne L. Burt,
Chaplain to the
University

Student Activities

Max V. Vest, Director

Student Affairs

Steve Bisese, Vice
President for Student
Development



RICHMOND

MISSION STATEMENT

The mission of the University of Richmond is to sustain a collaborative learning and research community that supports the personal development of its members and the creation of new knowledge. A Richmond education prepares students to live lives of purpose, thoughtful inquiry, and responsible leadership in a global and pluralistic society.

ORGANIZATION AND ACCREDITATION

Five academic schools and two coordinate colleges form the University of Richmond, with authority and responsibility vested legally in the Board of Trustees and the president of the University. The several colleges and schools award no degrees individually, but all degrees for work done in any one of them are conferred by the University of Richmond.

The University enrolls approximately 2,900 full-time undergraduates, 92 percent of whom live on campus; 600 full-time law and graduate students; and 1,300 part-time students, largely from Richmond and the surrounding community.

The University of Richmond is fully accredited by the Commission on Colleges, Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, GA 30033-4097, telephone 404-679-4500, Web site: www.sacscoc.org) to award associate, baccalaureate, master and juris doctor degrees. The University also is certified by the Virginia State Board of Education to offer teacher licensure programs. Various departments and divisions have more specialized accreditation. Included in this category are the music program, accredited by the National Association of Schools of Music, and the chemistry program, accredited by the American Chemical Society. In addition, the Robins School of Business is accredited by the Association to Advance Collegiate Schools of Business International at the undergraduate and graduate levels, and the T.C. Williams School of Law is accredited by the American Bar Association.

ENVIRONMENT AND HISTORY

The University of Richmond campus consists of about 50 major buildings of Collegiate Gothic architectural style set amid 350 acres of lawns, lake and woodlands. The beautiful and harmonious setting has been recognized nationally by college guides. Richmond's history began almost two centuries ago with Richmond College, founded in 1830 by Virginia Baptists as a college of liberal arts and sciences for men. Around this nucleus were established the T.C. Williams School of Law (1870); Westhampton College, a college of liberal arts and sciences for women (1914); the Graduate School of Arts and Sciences, for advanced study in the liberal arts and sciences (1921); the E. Claiborne Robins School of Business, for undergraduate and graduate study in business (1949); University College, now known as the School of Continuing Studies, for evening, summer and continuing education (1962); and the Jepson School of Leadership Studies, the first school of leadership studies in the United States (1992).

In 1992, the academic missions of Richmond College and Westhampton College were combined in a separate school, the School of Arts and Sciences. Richmond College and Westhampton College are the residential colleges for men and women respectively, providing special programming and leadership opportunities in student life.

Richmond benefits from a heritage of ethical and religious values, a residential character and a commitment to liberal and general education through intimate schools and colleges joined into a substantial whole.

INFORMATION SERVICES — LIBRARY AND COMPUTING RESOURCES

Library Resources

The University's libraries are the center of intellectual activities outside the classroom. Boatwright Memorial Library, facing Westhampton Lake, is the main library. It includes collections and services for the humanities, social sciences, sciences and business. Boatwright is also home to the Business Information Center, the Media Resource Center and the Science Information Center. The Parsons Music Library is in the Modlin Center for the Arts. The Muse Law Library in the Richmond School of Law serves the special needs of law students and faculty. The libraries' collections have been developed to meet the needs of students and faculty. Those collections consist of more than 465,000 volumes, access to more than 43,000 print and online journals, 45,000 electronic books, more than 200 online databases and a wealth of resources in media such as sheet music, DVD, audio CD, microfilm and audio books. Since 1900, the University of Richmond has enjoyed status as a depository for U.S. government publications. Boatwright Memorial Library holds more than 500,000 government documents in print and microform and provides electronic access to thousands more. The Galvin Rare Book Room contains nearly 25,000 rare books, first editions, maps, photographs and manuscripts. The online catalog (<http://library.richmond.edu/>) provides access to the collections through the Internet. The libraries participate in local and state consortia as well as national networks to obtain access to databases and to borrow items not held in the University's collections.

The libraries offer group and individual instruction in using these resources effectively. Group instruction is offered in the Boatwright Computer Classroom and other locations. In 2003, the faculty instituted a library research graduation requirement. First-year students meet this requirement by participating in two 75-minute hands-on workshops, one each semester. These workshops, called Library 100 and Library 101, introduce students to basic research tools and techniques. Individual assistance is available in person and online through various means described at http://library.richmond.edu/help/ask_lib/index.htm.

Boatwright Memorial Library offers a mix of study space suitable for individuals working alone or in groups, as well as AV viewing/listening carrels and rooms and more than 100 computer workstations. Laptop computers are loaned for in-building use and connect to the University's wireless network.

A separate wing of Boatwright Memorial Library houses the Virginia Baptist Historical Society, a memorial to the Virginia Baptists who struggled to secure religious liberty in America. The library holds thousands of books, church records, manuscripts and personal papers related to Virginia Baptist history and heritage. The society also manages the University's archives, a large collection of books, photos and memorabilia related to the University's rich history. The University's libraries are open to the entire campus community.

Computing Facilities

The University of Richmond is committed to preparing students to work successfully in technology- and information-centered environments. The Information Services division supports a teaching and learning environment that provides rich technology and information resources for students, faculty and staff. Computer labs and classrooms with a total of more than 750 computers are spread across the campus and contain a wide variety of equipment and software. These systems can be accessed in Boatwright Memorial Library and in general-purpose and discipline-specific computing spaces. Some residence halls are equipped with public computers in study lounges.

In addition to the general purpose labs, many academic departments have computer labs designed to meet the special learning and research needs of their students. These include art and art history, the business school, chemistry, classical studies, education, journalism, the law school, modern literatures and cultures, music, physics, psychology, the School of Leadership Studies and theatre and dance. For more information regarding the discipline-specific computer labs and their hours of operation, please refer to the to the Information Services Web page.

The ground floor of Jepson Hall houses many computing services. This includes the Computer Help Desk, a resource that provides assistance with computing-related issues for the entire campus. The facilities in Jepson Hall include a general purpose computer lab with a total of 30 workstations; five PC classrooms with full multimedia capabilities; and two computer classrooms running Windows, Linux and Unix designated for use by the math and computer science department. When classes are not in session, the Jepson Hall computer classrooms are open for student use.

The normal operating hours for the Jepson Hall computing facilities during the fall and spring semesters are Monday – Thursday, 7:45 a.m. to 1:00 a.m.; Friday 7:45 a.m. to 5:00 p.m.; Saturday 11:00 a.m. to 6:00 p.m.; and Sunday 11:00 a.m. to 1:00 a.m. In addition, the Help Desk is open from 8:30 a.m. to 9:00 p.m., Monday – Friday. These schedules change during holidays, exam and summer sessions. A listing of the current hours of operation may be found on the Information Services Web page.

The Technology Learning Center (TLC) is a unique resource located on the third floor of Boatwright Memorial Library. It is devoted to servicing the multimedia needs of students, faculty and staff. This area offers PC and Mac workstations equipped with high-end Web development, multimedia, animation, 3-D modeling and audio-video recording and editing software. Scanners, high quality printers, large-format plotters, digitizers and digital video and still cameras also are available. In addition, the TLC contains a photography studio and a small recording studio. Most importantly, the TLC is staffed by professionals and well-trained student assistants. Students not only have access to the hardware and software, but also to experts who can help them effectively use the specialized tools.

The University maintains a robust network infrastructure. A wireless network supports mobile computing in every building on campus, and provides coverage in most outdoor locations and public gathering spaces. Information Services keeps University-owned systems loaded with up-to-date versions of the latest software tools and anti-virus software. All users must have an active

University computer account to log into any lab machine. To help ensure the security of our systems and network, passwords must be changed each semester in order to maintain an active account. Please refer to the Policies for Responsible Computing posted on the Information Services Web page for guidelines regarding the use of University-provided technology resources.

UNDERGRADUATE COLLEGES

Though Richmond is composed of five general academic schools as well as two residential colleges, this catalog provides specific program information about only undergraduate study in the School of Arts and Sciences, Robins School of Business and Jepson School of Leadership Studies. Pertinent information about the residential colleges, Richmond College and Westhampton College, also is presented in this catalog. Detailed information about each of the other academic schools is available upon request to the respective dean's office.

ACADEMIC SCHOOLS

School of Arts and Sciences

All students begin as part of the School of Arts and Sciences. Approximately two-thirds of the University's students (2,300) then continue their study in arts and sciences, pursuing Bachelor of Arts and Bachelor of Science degrees in the more than 40 disciplines offered by the school. The arts and sciences faculty also provides instruction in the Graduate School of Arts and Sciences leading to a small number of master's degrees.

The School of Arts and Sciences is a blend of studies from all areas of life—health, fine arts, natural and urban environments, government, technology, cultures, emerging scientific studies and literature are a few examples. Though the fields of study in the School of Arts and Sciences are diverse, each discipline pursues the common goals of challenging students to think critically and independently; to make decisions based upon their assessments; to communicate effectively; to gather and evaluate information and others' opinions; and to work collaboratively, expanding their understanding of others to better

comprehend the systems and situations around them. The programs ask rather than tell. Working together across disciplines, the faculty and students explore how things work, ask why they operate as they do, evaluate what has been successful, and consider possible solutions or advancements. Faculty collaborate with students to research and create data or art, encouraging them to build their own knowledge and skills and demonstrating how to most effectively communicate and apply what they learn.

Robins School of Business

The Robins School of Business enrolls about 650 men and women. The school's principal objective is to provide a professional college education that will enable students to meet the challenges of a complex and international business world.

The degree of Bachelor of Science in Business Administration (B.S.B.A.) is offered with majors in accounting, business administration and economics. The business administration major has several areas of concentration that students may pursue. Once a student declares his or her major, the Robins School of Business provides a number of internal activities that the student may participate in, including its own student government. The Robins School also has a chapter of Beta Gamma Sigma, a national honor society. Membership in Beta Gamma Sigma is the highest national recognition a student can receive in an undergraduate or master's program accredited by the AACSB-International.

The School of Business faculty also provides the Master of Business Administration (MBA) degree in the Robins School of Business.

Jepson School of Leadership Studies

The Jepson School of Leadership Studies offers the Bachelor of Arts degree with a major in leadership studies. The major is broadly based but highly integrated with leadership as a unifying theme. In an exceptional academic environment, the Jepson School challenges students to reach their potential and prepares them for future responsibilities through education for and about leadership.

Residential Colleges

Undergraduate students at the University of Richmond are members of an academic school: the School of Arts and Sciences, the Robins School of Business, or the Jepson School of Leadership Studies. Depending on their sex, students also are members of a residential college: Richmond College for men and Westhampton College for women. The residential colleges serve as dean of students offices and manage academic policy matters, thereby providing a holistic approach to students. The college deans report to both the vice president of student development and the dean of Arts and Sciences.

Each residential college has its own staff, residence life program, student government, activities and traditions. Deans' staff members focus on students' personal development, crisis management, judicial policies and matters that involve the University's honor code. The deans' offices also oversee popular student traditions that recognize and celebrate the smaller college community and heritage, including Westhampton College's Junior Ring Dance and Richmond College's Investiture. The residence life programs organize gender-based programming within the residence halls and living/learning initiatives that make important intellectual and personal connections between students and faculty members, e.g., the Richmond College Outdoor House.

The two student governments—the Westhampton College Government Association (WCGA) and the Richmond College Student Government Association (RCSGA)—afford students valuable leadership opportunities and guarantee that men and women students participate equally in the governing process. Meanwhile, students make connections between their curricular and cocurricular experiences in college-based programs such as Westhampton College's Women Involved in Living Learning (WILL) program.

For more information regarding Westhampton College see http://oncampus.richmond.edu/Student_Affairs/wcollege. For more information regarding Richmond College see http://oncampus.richmond.edu/Student_Affairs/rcollege.

SPIRITUAL LIFE

The University is committed to the formation and support of the spiritual needs and growth of all its students, regardless of faith, tradition, practice or lack thereof. Religious and spiritual life activities and programs that invite, challenge and support the spiritual maturity and understanding of all members of the university community are coordinated through the Office of the Chaplaincy, which is easily accessible in the E. Carlton Wilton Center for Inter-Religious Campus Ministries.

There are numerous organizations for students of various faiths and traditions, including Buddhist, Christian (Catholic, Orthodox, Protestant and Ecumenical), Hindu, Jewish, Muslim and Sikh. Events, dinners and programs are open to all so that interfaith understanding and cooperation might be fostered. Regular on-campus worship services and times for religious practice include

Zen meditation on Tuesday evenings, Juma'a prayer on Fridays at noon, Shabbat prayer on Friday evenings, Ecumenical Christian worship on Sundays at 3:16 p.m. and Roman Catholic mass on Sundays at 5:00 p.m. Many student groups hold prayer and praise meetings as well. The City of Richmond has over 300 places of worship, each of which welcomes students to participate in their services and practice.

The Office of the Chaplaincy also coordinates service opportunities through the Bonner Scholars and Community Partners offices; connects with the greater Richmond interfaith and civic community through A More Perfect Union; and offers individual support, counseling and care by appointment with one of the chaplains.

Listings of on-campus and local events, houses of worship and holy days may be found on the Office of the Chaplaincy Web site: www://chaplaincy.richmond.edu

ADMISSION

The University of Richmond seeks to enroll men and women who have demonstrated the potential to succeed in a highly rigorous environment and who and have shown evidence of their capability to contribute to the University community. Admission to the University is competitive and selective.

Criteria for admission are both objective and subjective. Such qualities as academic ability and achievement combined with personal qualities of leadership, creativity and independence are sought. For those entering as first-year students, the secondary school experience, the results of standardized tests and the particular characteristics and personal qualities of each applicant will be considered. Because we know that a family's financial situation has no relationship to a student's preparation, character, potential or intellect, the University is proud to make admission decisions in a need-blind manner. Students who believe that they would benefit from the University's programs but do not have the resources to attend are encouraged to see the section on Financial Aid for more information.

The largest number of successful applicants will have taken a challenging college preparatory program. Successful applicants represent a wide variety of backgrounds. The prospective student is advised, therefore, to complete the most challenging college preparatory program that can be taken at the secondary school that he or she attends. Students admitted must show evidence of high school graduation or exemplary completion on all five achievement tests of the general education development (G.E.D.) battery.

For students who have attended other institutions of higher learning and wish to transfer to the University of Richmond, the academic achievement and courses completed at the prior institution will be important to the admission decision. In short, whether first-year or transfer, those students with the potential to be the most successful in this educational environment will be offered admission.

Campus Visits

Prospective students are invited to visit the campus, participate in the admission conference, take a tour of the campus and confer with professors, coaches, or other persons in their fields of interest. The admission conference consists of a group presentation and discussion about the University of Richmond and is led by an admission officer. When the University is in session, student-conducted campus tours usually follow each conference. The campus visit is encouraged because it provides an opportunity for the prospective student to learn about the University, have questions answered and see the campus.

Plans to visit the campus may be made by calling the Office of Admission, (804) 289-8640 or (800) 700-1662, or by visiting our Web site at www.richmond.edu.

While individual interviews are not required for admission, they may be available during your campus visit or with a Richmond graduate in your home city. Visit www.richmond.edu for more information.

During the candidate evaluation process in January, February and March, schedules are abbreviated and times vary.

Admission Requirements

Candidates for admission must have completed a minimum of 16 units of secondary school work. Minimum requirements include four units in English, three in college preparatory mathematics (including of Algebra I, II, and Geometry), and at least two each in history, laboratory science and foreign language (two units of the same language, not including American Sign Language, which will not satisfy the requirement for foreign language). Competitive candidates for admission usually have three to four units in science, history and foreign language.

The applicant must have the secondary school send an official transcript of work completed, courses in progress and the school's recommendation. Students who have taken work at or under the auspices of a college or university must provide a statement describing the work, and an official transcript from the college or university must be sent directly to the Office of Admission, University of Richmond.

First-year applicants must submit the results of either the SAT or ACT for consideration. There is not a preference for either test; instead, the evaluation of those who submit results of both will rely on whichever test is comparatively strongest.

Application for admission may be made using the Common Application and a Common Application Supplement including a required essay. All forms are accessible from the admission Web site. The nonrefundable \$50 application fee must accompany the application for admission.

ADMISSION PLANS

Regular Decision

The application deadline for regular decision is January 15; candidates are notified of the admission decisions around April 1.

Early Decision

The early decision plan is designed for well-qualified students who have decided that the University of Richmond is their clear first choice. Two plans are available. Fall early decision has a deadline of November 15. Winter early decision has a deadline of January 15. The applicant must file (prior to the deadline) an application form, an official copy of the academic record through the junior year, first marking period grades from the senior year, and the required standardized test scores. Candidates will be notified around December 15 for fall early decision and February 15 for winter early decision.

Accepted candidates must submit the required nonrefundable deposit to confirm their admission to the University of Richmond. Deferred candidates' applications will be reconsidered under the regular admission plan. In some cases, early decision applicants may be denied admission as well. Further information may be obtained from the Office of Admission.

Early Admission

The early admission program provides for the admission of exceptional students who have completed their secondary school experience in three years, prior to their college matriculation. Additionally, appropriate candidates must possess unusually strong college preparation, as demonstrated through a challenging and rigorous

course of study, while presenting required standardized test scores of a highly competitive nature. The student is required to have an interview with an admission officer in person or by telephone and submit a letter from the secondary school counselor endorsing the student's early admission application.

TRANSFER ADMISSION

A student who wishes to transfer from another college or university may apply for transfer admission. A student must have completed a minimum of at least 24 semester hours of transferable credit prior to his or her enrollment at the University of Richmond. The transfer credit must have been earned at an institution regionally accredited at the time the work was completed. Transfer candidates must possess a minimum grade point average of 2.0 to be eligible for review. Competitive candidates will have well above this minimum requirement. Interested students may wish to visit the campus and talk with an admission officer; however, a personal interview is not a part of the admission decision. In order to receive a degree from the University of Richmond, a student must complete at least 60 semester hours at the University, including the work of the senior year.

The deadline to submit a transfer application for fall enrollment is February 15 (priority) or April 15; the spring enrollment deadline is November 1. The applicant must file an application form, pay the nonrefundable application fee, and have secondary school and college transcripts forwarded directly to the Office of Admission. Students must have left their previous institution in good standing or having been honorably dismissed.

Credit for work completed at another college or university will be subject to the following conditions:

- courses must be a part of the University of Richmond curriculum and at the level of courses taught at the University of Richmond
- the grade received must be the equivalent of C (2.0) or better
- the decisions of credit transfer and application towards degree requirements are made by the University Registrar in consultation with the appropriate academic department

Credit for all courses is regarded as provisional at the time of the applicant's admission and is not considered final until the satisfactory completion of one semester's work at the University.

INTERNATIONAL ADMISSION

The University of Richmond encourages international students with diverse cultural heritages and multicultural experiences to apply to the University as both first-year and transfer students.

First-year applicants must complete an academic secondary program which would prepare one for entrance to universities in the country of residence. Secondary study (grades 9, 10, 11 and 12) should include at minimum three or four years of coursework in the native language (or second language), mathematics, social sciences, laboratory sciences and English language. Refer to the Admission Requirements section above.

A student may apply as a transfer candidate after successfully completing at least one year of full-time study at a recognized academic university in the United States or abroad. Refer to the Transfer Admission section above.

In addition to test requirements described in Admission Requirements above, all nonnative English speakers must submit results for Test of English as a Foreign Language (TOEFL). The University expects nonnative English speakers to possess strong analytical and rhetorical writing skills and highly developed oral communication proficiency in English. Because the University offers only short-term, advanced English as a Second Language (ESL) study during summer and the academic year, applicants must demonstrate English proficiency prior to enrolling. Consideration will be given to candidates with the following minimum scores on the various versions of the TOEFL: 550 on the paper TOEFL, 213 on the computer-based TOEFL, or 80 on the Internet-based TOEFL.

HOME-SCHOOLED STUDENTS

Students who have been educated in a nontraditional secondary school setting are welcome to apply for admission. In addition to submitting a complete admission application, home school students are required to complete or submit the following items:

1. Standardized testing requirement as defined under Admission Requirements. In addition, students are strongly urged to submit SAT II Subject Tests in the subject areas of history and natural science.
2. Participate in an interview conducted by one of the University's admission officers. The interview is required for students who spend 50 percent or more of their secondary school experience in a home-school setting or are graduating from a home-school environment. These interviews are conducted in person or over the phone by appointment.
3. Submit a narrative description of the home-school environment, such as parental instruction, community teaching, etc. Additional items that could be included are syllabi for all courses taken and a list of the textbooks used.
4. Optional letters of recommendation, preferably from individuals who have had academic contact with the student, can be submitted.

THE ROBINS SCHOOL OF BUSINESS

The Robins School of Business provides a professional education for students who wish to prepare for the challenges of a complex and international business world. This personalized education is offered primarily during the third and fourth years of college study. After one year in the School of Arts and Sciences, students may declare their major in accounting, business administration or economics. At the time of declaration, a student will be assigned an academic advisor who teaches in the area in which the student intends to major. In anticipation of the junior and senior years, planning should begin in the first year to meet the University's general education and business prerequisite courses.

JEPSON SCHOOL OF LEADERSHIP STUDIES

The Jepson School of Leadership Studies seeks to develop in each student a base of knowledge that provides the conceptual tools that support the exercise of leadership in a variety of settings. Curriculum goals are achieved through courses that help students understand how to use knowledge gained through coursework in the world outside the classroom.

Students interested in the major or minor must apply and be selected by the Jepson School of Leadership Studies. In this regard, the final decision concerning admission to the school rests with the Jepson School of Leadership Studies Student Affairs Committee. The student must submit a formal application in the fall after completing the first academic year of study at Richmond or another accredited college or university.

FINANCIAL AFFAIRS

Fees: 2006-07 Schedule

	Semester	Year
General Fee 12 - 19 semester hours for first- and second-year students and transfer students	\$18,275	\$36,550
Over 19, fewer than 12: per hour	1,820	
General Fee 12 - 19 semester hours for all other undergraduate students	14,595	29,190
Over 19, fewer than 12: per hour	1,460	
Housing (per student)		
Single (add \$100 per semester for private bath)	\$1,513	\$3,026
Double (add \$50 per semester for private bath)	1,355	2,710
Triple, Quad (add \$50 per semester for private bath)	1,342	2,684
Lora Robins Court	1,405	2,810
University Forest Apartments	1,528	3,056

(Local telephone service and basic cable television provided in all residential housing)

Meal Plans

Spider 240 (15 meals per week with 300 dining dollars per semester)	\$1,931	\$3,862
Spider 270 (17 meals per week with 150 dining dollars per semester)	1,675	3,350
Spider 300 (19 meals per week with 325 dining dollars per semester)	2,040	4,080
Spider Flex (952 dining dollars per semester in all Dining Operations)	952	1,904
Spider Blue (350 dining dollars per semester in all Dining Operations)	350	700

Special Fees

Applied Music - per course, nonmajors only, individual instruction	\$425	
ID card replacement: each occurrence	15	
Graduation fee	30	
Campus vehicle permit (spring semester only: \$45)		\$90
Registration, change: per transaction	10	
Registration, late (<i>payable before matriculation</i>)	60	
General Fee Payment, late fee will be assessed up to:	70	
Non-UR Study Abroad Fee	1,500	

Optional Fees

Student Health Service-medical fee	\$85	\$170
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(Semester fees are based on a single-semester contract; year fees are based on a full-year contract.)

- Textbooks cost approximately \$500 per semester; laundry, supplies, transportation and sundries are extra costs.
- Please consult the next chapter under the headings: Motorized Vehicles, Student Health Center, Residence Life, Food and Auxiliary Services, for further information.
- Regardless of the academic school in which a course is taken, the student pays the tuition and fees of the school to which he or she has been admitted and which is considered the school of record. Any special fee associated with a particular course, such as a laboratory fee, is charged based on registration in the course.
- The University reserves the right to increase the fees listed herein and the charges for room and board if conditions should make such changes necessary or advisable. The changes will be announced as far in advance as feasible.
- The University is not liable for students' personal property. Students or parents should verify that their homeowner's insurance will cover their personal property on campus.
- **Fees and charges will increase for the 2007-2008 school year and will be announced as soon as possible.**

PAYMENTS

Inquiries concerning payments should be directed to the Office of the Bursar, phone (804) 289-8147 or toll-free (866) 241-8893, or e-mail bursar@richmond.edu.

Fees are billed, and are payable in advance, by the semester. The fall semester payment is due by the first Monday in August, and the spring semester payment is due by the first Monday in December. To avoid incurring a late-payment fee and delays in housing, registration and other areas, individuals are urged to pay fees when due.

Satisfactory financial arrangements for room and board must be made before occupancy.

No credit is given for a term's work nor a degree conferred until all charges have been satisfactorily settled. Failure to make satisfactory financial arrangements can result in delay of graduation, denial of registration privileges, removal from classes and/or the withholding of transcripts.

If the University deems it necessary to engage the services of a collection agency or attorney to collect or to settle any dispute in connection with an unpaid balance on a student account, the student will be liable for all collection agency and/or attorney's fees, reasonable expenses and costs incurred. Accounts referred to a collection agency are reported to a credit bureau.

Remittance may be made by check drawn to University of Richmond, and addressed to

Bursar's Office

Box R

University of Richmond, Virginia 23173

To pay tuition and fees by MC/VISA/AMEX or DISCOVER, call PhoneCharge at (877) 237-9734. There is a convenience fee to use this service that is explained in detail during the phone call.

Deposits

Upon acceptance for admission at the University of Richmond, a \$300 General Fee deposit is required, and a \$300 housing deposit is required if on-campus housing is requested.

Students planning to continue in the upcoming school year are notified around January 15 to remit the appropriate deposits: a General Fee deposit of \$100, and if on-campus housing is requested, a housing deposit of \$500. These deposits are payable by the mid-February date specified in the notice.

Deposits are treated as advance payments and are nonrefundable. While a single remittance may cover both amounts, the distinction between the two deposits remains quite clear. The General Fee deposit signifies an intention to attend or to continue to attend the University. The housing deposit signifies an earnest request for on-campus housing.

The University always credits the General Fee deposit first. If only a single deposit amount is received by the stated deadline, regardless of any accompanying instructions, the deposit will be placed in the General Fee category and the presumption made that no housing is requested.

Deferred Payments

In recognition of the substantial interest in deferred payments, the University has arranged to make available the services of Academic Management Services. This firm represents one of several sound alternatives for financing a student's education. Information is mailed to students in April.

Many parents and students may prefer to arrange financing through their local banks or other sources; but if there is interest in this plan, further information is available at (800) 635-0120, by e-mail at info@amsweb.com, or by visiting www.amsweb.com.

Students are urged to complete whatever arrangements they choose early, so that their accounts with the University may be settled in a timely manner.

Late Payment Fee

A late payment fee will be assessed on any unpaid balance. Students who fail to make satisfactory arrangements for their semester fees by the close of the business on the first day of the term will be charged a late payment fee of up to \$70.

Late Registration Fee

A late registration fee of \$60 will be charged to any student who fails to complete registration for any semester by the close of business on the day before the first day of the term.

Tuition Refund Plan

A medical withdrawal insurance plan is available through A.W.G. Dewar Inc. Information is available at (617) 774-1555 or visit www.collegerefund.com.

REFUNDS

Inquiries concerning refunds should be directed to the Office of the Bursar, (804) 289-8147 or toll free (866) 241-8893.

UNIVERSITY OF RICHMOND REFUND POLICY

Advance Deposits - Returning and Readmitted Students

General Fee Deposit - Nonrefundable.

Housing Deposit - Nonrefundable once a room has been selected or assigned.

Advance Deposits - First-Time Students

If the accepted applicant fails to matriculate, no refund of advance deposits.

If the accepted applicant matriculates and therefore becomes a student: General Fee deposit and housing deposits are refundable in accordance with the University Refund Policy.

General Fee, Room and Board Refund

Inquiries concerning refunds should be directed to the Office of the Bursar, (804) 289-8147 or toll free (866) 241-8893.

Students are matriculated by semester. If a student withdraws from classes or is dropped from the University for whatever cause, a refund of fees for a fall or spring semester shall be made in accordance with the University's Refund Policy, based on the schedule below. This schedule is adapted for summer terms.

Students who withdraw from the University and who are receiving any financial assistance may be required to return such assistance per Public Law 668.22 and institutional policy. The University of Richmond complies with all federal regulations governing recipients of federal Title IV funds. Information regarding financial aid refund policies is available in the Office of Financial Aid.

Any special fee associated with a particular course is nonrefundable after the first day of class.

	Tuition, fees and room refund	Board refund
Withdrawal on or before the first day of class	100% less deposits	Prorated on a daily basis through the sixth week of classes.
Withdrawal during the first week of classes	85%	
Withdrawal during the second week of classes	70%	
Withdrawal during the third week of classes	50%	
Withdrawal during the fourth week of classes	25%	
Withdrawal during the fifth week of classes	25%	
Withdrawal during the sixth week of classes	25%	
Withdrawal after the sixth week of classes	None	

APPEALS PROCESS

The University of Richmond has an appeals process for students and parents who believe individual circumstances warrant exceptions from published policy. All appeals must be in writing and directed to Annemarie Weitzel, Bursar, Box R, University of Richmond, VA 23173 or bursar@richmond.edu.

FINANCIAL AID

The financial aid program at the University of Richmond provides need-based grants, loans and service and work opportunities, and also awards merit scholarships. Applicants for financial aid must be enrolled or accepted for enrollment in a degree program at the University and, for most types of aid, must be working toward their first bachelor's or master's degree. The **need-based** aid programs are designed for those families who are unable to pay the full cost of a college education. For domestic undergraduate students who apply for and qualify for need-based aid, we will provide a financial aid package that meets 100 percent of a student's demonstrated eligibility for need-based aid. The **merit-based scholarships** are provided in recognition and support of noteworthy academic achievement. These merit-based scholarships are generally awarded independent of any assessment of need, although it is possible to qualify for a combination of need- and merit-based aid.

Applicants for need-based financial aid must complete both the Free Application for Federal Student Aid (FAFSA) and the University of Richmond's Financial Aid Supplemental Application. Prospective students (including transfers) should submit the completed FAFSA by mid-February to ensure its receipt no later than the deadline date of February 25. Generally, to be considered for need-based aid, an applicant must be a U.S. citizen, must be enrolled or accepted for enrollment on at least a half-time basis in a degree or certificate program, and must demonstrate financial need. Once aid is offered it is generally renewed in subsequent years if the family's financial situation stays the same. A new financial aid application must be filed each year and the student must meet certain standards of Satisfactory Academic Progress as outlined below.

The deadline for financial aid applications for returning students is May 15.

Students who are eligible for need-based aid and are enrolled full time are offered a package of funding that typically consists of no more than \$4,000 in need-based loans or work-study, with remaining eligibility met with grant assistance. Part-time students may be considered for loans and the Federal Pell Grant.

There are a number of merit-based scholarship programs, some of which pay full tuition, room and board. Students are selected from the pool of applicants for admission. Separate merit-based scholarship applications may be required. Call of the Office of Admission at (800) 700-1662 or (804) 289-8640 or e-mail scholaroffice@richmond.edu with questions about merit-based scholarships.

The Virginia Tuition Assistance Grant is awarded to those students who are residents of Virginia. In 2005-06 grants were awarded in the amount of \$2,500. Applications are sent from the Office of Admission to students who are accepted to the University.

Financial aid awards made for an academic year may be used for study abroad if the student enrolls at one of the universities with which the University of Richmond has a direct exchange agreement. Financial aid for enrollment in nonexchange programs is limited to loans.

To receive assistance from any of the need-based financial aid programs at the University, or from the Direct Loan or Direct PLUS programs, students must maintain satisfactory academic progress towards the completion of degree requirements. An evaluation of progress is made at the end of each academic year, including an analysis of earned credit hours and grade point average. Students not making satisfactory academic progress will be ineligible for further financial assistance until the deficit is made up. Waivers of these requirements may be granted under special circumstances upon appeal to the Director of Financial Aid.

The standards of academic progress outlined here are solely for the purpose of evaluating eligibility to continue receiving need-based financial aid. They do not replace or modify academic standards required for continued enrollment at the University of Richmond.

Undergraduate students must meet the following minimum standards:

at the end of semester	credits earned	grade point average
2	24	1.50
4	48	1.70
6	72	1.85
8	96	2.00
10	120	2.00

Return of Financial Aid When A Student Withdraws

A student who withdraws during a semester may be entitled to a refund of certain charges as outlined in the Refund Policy (see Financial Affairs section).

Withdrawal also may affect a student's financial aid eligibility for the semester as outlined in the Federal Return of Title IV Program Funds Policy and the Return of Non-Title IV Program Funds Policy.

Return of Title IV Program Funds Policy

The 1998 amendments to the Higher Education Act (HEA) of 1965 and subsequent regulations issued by the Department of Education (43 CFR 668.22) establish a policy for the return of Title IV grant and loan funds for a student who withdraws. Title IV grant and loan funds include the following programs: Federal Direct Loans, Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Perkins Loan, Federal Work-Study, Federal Stafford Loans and Federal PLUS Loans.

The amount of Title IV funds the student earns, up to the withdrawal date, is based on a daily proration determined by dividing the total number of calendar days completed by the total number of calendar days in the semester (excluding breaks of five or more consecutive days). This calculation must only be done up to the 60 percent point in time for the semester. After the 60 percent point in time, the student is considered to have earned all of the Title IV funds awarded for that semester.

Unearned Title IV funds must be returned to the Title IV programs. If the amount earned is greater than the amount that has been disbursed, the difference is treated as a late disbursement to

the student. Unearned funds, up to the amount of total institutional charges (tuition, room and board) multiplied by the unearned percentage of funds, are returned to the Title IV programs by the University of Richmond. The student must return any portion of unearned funds not returned by the school. Only 50 percent of unearned grant funds must be returned. Title IV loan funds that must be returned by the student are repaid per the loan terms.

Unearned Title IV funds are returned to the Title IV programs in the following order: Unsubsidized Federal Stafford Loans, Subsidized Federal Stafford Loans, Unsubsidized Direct Stafford Loans, Subsidized Direct Stafford Loans, Perkins Loans, Federal PLUS Loans, Direct PLUS Loans, Federal Pell Grants for which a return of funds is required, Federal Supplemental Educational Opportunity Grants for which a return of funds is required, and LEAP funds for which a return of funds is required.

Return of Non-Title IV Program Funds Policy

Non-Title IV financial aid will be adjusted for a withdrawing student based upon the University's Refund Policy. Adjustments will be made through the sixth week of classes. The amount to be returned to the non-Title IV financial aid program is the same percentage that will be refunded to the student for tuition and room charges. After the sixth week, the student is considered to have earned all of the non-Title IV aid.

Non-Title IV financial aid funds are returned in the following order: institutional grants/scholarships, nonfederal loans, agency scholarships.

Students who are receiving financial aid and who are planning to withdraw from the University during a semester are strongly encouraged to meet with a financial aid adviser to review the impact that their withdrawal will have on their institutional charges and on their financial aid for the semester.

For further information about the various financial aid programs, contact the Office of Financial Aid at (804) 289-8438 or e-mail finaid@richmond.edu with questions about need-based aid, or check our Web site at <http://oncampus.richmond.edu/financialaid>.

STUDENT LIFE

The University of Richmond, through the Office of Student Development, provides a variety of cocurricular and extracurricular programs and student-support services. These are designed to enrich the quality of the collegiate experience by creating an environment in which the student can grow intellectually, emotionally, physically, socially and spiritually. The ultimate purpose of this environment is to help each student fulfill his or her potential.

The deans' offices for Richmond College and Westhampton College, the University's residential colleges, are focal points in student life matters. For the University, the offices are centers for closely knit smaller communities within the whole.

On a more personal level, a student may find the dean or staff member serving as a counselor, advisor, mentor or collaborator. If questions remain after reading the Student Life section of this catalog, a dean's office usually can provide a more complete explanation or indicate where more information may be found. In all cases, the deans' offices are contact points to provide assistance. Each student is encouraged to make full use of these excellent resources.

STUDENT LIFE SERVICES

Career Development Center

The Career Development Center (CDC), located on the ground level of Richmond Hall, exists to empower University of Richmond students to identify and achieve their career goals. The Center provides comprehensive career services for students, based on the belief that career decision making is a lifelong process, integral to the University's educational objectives.

Staff members, who are assigned as liaisons to academic departments, provide individualized career counseling and help students develop systematic approaches to internship, job or graduate school searches. Students have access to online assessment instruments to assist them in career decision-making. Programs, which often feature alumni and area employers, are presented throughout the year on job search strategies, connections between careers and majors,

internships, transitions from student to work life, and other relevant topics.

The Career Development Center houses a career resource library that contains a variety of print and multimedia materials. The Internet enhances the CDC's ability to communicate with and provide services to students. Using resources accessible through the Center's Web site, students can access complete graduate and professional school catalogs, full-time job vacancies, and more than 5,000 internship listings on the award-winning Internship Exchange. eRecruiting software allows students to sign up for on-campus recruiting events, search for job listings, and to upload their résumés for referrals to employers and internship sponsors. Students should visit the CDC Web site (<http://cdc.richmond.edu>) to view all available resources and a calendar of upcoming events.

The Center also sponsors a number of career events throughout the year, including Major Questions, Major Answers, the Richmond Career Fair, the Non-Profit Career Fair, an Externship Program, The Alumni Networking Weekend, and Metrolink, an off-campus interviewing event held in New York City and Washington, DC. The CDC also serves as an advisor to the student program The Real World. In addition, more than 100 organizations visit campus each year to identify candidates for full-time jobs and internships.

Students are encouraged to visit the Career Development Center in their first year to meet with a counselor to plan career development strategies. An online introduction to the CDC is included in first-year students' orientation activities, and serves to introduce new students to the vast resources available in the Center.

Counseling and Psychological Services

The University maintains an office for Counseling and Psychological Services (CAPS) in addition to the academic advising and religious counseling services described herein. The office is staffed by counseling and clinical psychologists who are prepared to help students meet academic, personal or emotional challenges while they are enrolled at the University. The services correspond to students' needs and include short-term counseling

and psychotherapy, assessment, crisis intervention, psycho-educational presentations, individual consultations and referral services. A policy of confidentiality is maintained with all services and is guided by the standards of the American Psychological Association and the licensing laws of the Commonwealth of Virginia. CAPS is located at 201 Richmond Hall and is open from mid-August to mid-June, Monday-Friday 8:30-noon and 1-5 p.m. Contact CAPS at (804) 289-8119, caps@richmond.edu, or oncampus.richmond.edu/caps for more information.

Disability Accommodations

The University seeks to comply with all applicable federal, state and local laws regarding the rights of individuals with disabilities. To facilitate such compliance, the vice president for student development serves as the University's disability coordinator. The University does not discriminate on the basis of disability in admission. Therefore, applicants are not required to provide information about their physical condition or disability status prior to admission. Individuals with disabilities are invited to contact the disability coordinator regarding any accommodations they may require in visiting the campus or upon matriculation. The University provides reasonable adjustments or accommodations in its academic programs as necessary for equal opportunity and participation for qualified students with disabilities.

International Students and Study Abroad

The Office of International Education, located Puryear Hall, serves all students: undergraduate and graduate, in arts and sciences, business, leadership studies, continuing studies and law. It offers advising on study abroad opportunities and procedures, and a wide variety of services for international students: orientation, visa, work, health insurance and taxes, as well as cultural and social activities.

Multicultural Affairs

Working closely with the Office of Admission, the Office of Multicultural Affairs is the focus of the University's effort to increase and maintain a diverse student population. To support this effort, the office develops and implements programs of specific interest to students of diverse ethnic backgrounds, and assists them in becoming acclimated to the University's environment.

Student Health Center

The Student Health Center offers a comprehensive program in health education and health maintenance, as well as treatment for illness and injury. The Health Center staff includes board-certified family practice physicians and registered nurses. Services include acute care for illness and injury, general medical care, women's health, men's health, travel abroad consultations, allergy shots and immunizations. The telephone number is (804) 289-8064 and fax is (804) 287-6466. Students and parents are encouraged to visit our Web site for general information and timely messages: http://oncampus.richmond.edu/student_health. Our e-mail is healthcenter@richmond.edu.

Rather than walking in for an evaluation, students are encouraged to call and speak with a registered nurse about their concerns through our Dial-A-Nurse system (call 484-1555 for the Dial-A-Nurse). After evaluating the history and symptoms of the illness, the nurse will advise the most appropriate treatment. If indicated after the Dial-A-Nurse evaluation, an appointment will be made. Appointments are made only after evaluation by the nurse except for annual gynecological examinations, doctor-requested follow-up visits, allergy shots, immunizations and PPD tests.

Students living on campus are eligible for the services provided by the Student Health Center, as the cost of these services is included in the housing fee. Student Health Center privileges are available to off-campus students for a per-semester fee. The cost of prescription drugs, some laboratory tests, hospital emergency room treatment, hospitalization, x-rays, and referral off campus for consultation with medical specialists are not covered by any student fees. These costs will be billed separately by the provider.

The Student Health Center does not accept insurance assignments. This means that we will not bill a patient's insurance company. Any charges incurred at the time of visit will be billed through Student Accounts, or may also be paid by check, cash or Spider Card. The patient will be provided with a medical encounter form itemizing all charges and containing all necessary information to file for insurance reimbursement.

Information regarding our hours of operation, descriptions of services, details of allergy shot procedure, billing and insurance questions, medical information, community facilities and medical referrals, and helpful links can be found on our Web site.

All communications between student and staff are strictly confidential and under no circumstances will information be released from the Student Health Center without the patient's prior approval.

Virginia law mandates that each student submit an immunization record prior to enrollment. In compliance with this requirement, the immunization record is included in the health history form provided to entering students and is to be returned to the Student Health Center.

POLICIES

The University of Richmond is governed by policy statements which guide individual members in their actions toward each other and toward the larger community. These policy statements support the University's educational mission while seeking to assure that both individual and group rights are appropriately observed and maintained.

University Academic Honor Code Statute

The School of Arts and Sciences, the Jepson School of Leadership Studies, and the Robins School of Business each operate under the University Honor Code Statute. Breaches of the code are cheating, plagiarism, lying, academic theft, disclosing honor council information, registration irregularity and failure to report an Honor Code Statute violation. Any person who violates these standards shall be subject to disciplinary action ranging from reprimand up to and including expulsion from the University. Determination of guilt or innocence and imposition of sanctions, when necessary, will be effected according to established procedures, with procedural fairness observed, and with appropriate appeal procedures available. The University Honor Code Statute is available from any dean's office.

University of Richmond Honor Councils

The University of Richmond Honor Councils provide information about the Honor System to new students and instructs them as to its meaning and operation. During new student orientation,

students are given information about the Honor System. Each student is required to pass a test to demonstrate an adequate knowledge of the Honor System. The University of Richmond Honor Councils' policies and procedures are described in greater detail in the University's Undergraduate Student Handbook and online at <http://www.student.richmond.edu/~urhc/>.

Standards of Conduct

The University of Richmond considers cultivation of self-discipline and resolution of issues through processes of reason to be of primary importance in the educational process and essential to the development of responsible citizens. All members of the University community have a responsibility to comply with local, state and federal laws, and with all published University policies and regulations. In a community of learning, individual or group conduct that is unlawful, that disrupts or interferes with the educational processes, that causes destruction of property, or otherwise infringes upon the rights of others or of the University itself, cannot be tolerated.

The Trustees of the University of Richmond have authorized a Policy Statement on Standards of Conduct, Penalties and Disciplinary Procedures to guide the conduct of students and their guests. This statement sets forth those standards of conduct which the University of Richmond deems essential for fulfilling its educational mission. Any person who violates the standards of conduct and regulations of the University of Richmond shall be subject to disciplinary action and, if need be, legal action. Disciplinary action may range from reprimand/disciplinary warning up to and including dismissal or expulsion from the University. Sanctions will be imposed after proper determination has been made in accordance with established disciplinary procedures of the University, with fair procedures observed and with appropriate appeal procedures available, as outlined in the Policy Statement and any approved revisions thereof.

A copy of this policy statement and/or any officially approved revisions thereof is readily available in the residential college handbooks for each student who matriculates. All members of the University community should familiarize themselves with this policy statement and revisions, and with any other official publications,

handbooks, or announcements issued from time to time by the University of Richmond or by individual colleges and schools of the University.

Right to Privacy

Student academic and personnel records are administered under the procedures and requirements of the Family Educational Rights and Privacy Act of 1974 (P.L. 93-380), as amended. This act generally prohibits the unauthorized release of confidential information about individual students; however, directory information usually may be released. For more information, see Confidentiality at the end of this section or contact the Office of the University Registrar, located in Sarah Brunet Memorial Hall.

Alcoholic Beverages and Other Drugs

The legal age for the consumption and possession of beverage alcohol is 21 in the Commonwealth of Virginia; the law governs all sites within the Commonwealth and all persons including temporary visitors from other places. The University supports the laws of the Commonwealth, and has policies to educate and regulate its campus constituencies regarding the consumption of alcohol. Similarly, there are statutes as well as University policies prohibiting the possession, distribution, sale or use of illegal drugs or narcotics, including marijuana and hallucinogens. Moreover, each person is responsible for his or her destructive, obstructive or otherwise inappropriate behavior whether under the influence of any substance or not. Persons in violation of the law are subject to prosecution by law enforcement agencies as well as disciplinary proceedings by the University.

UNIVERSITY POLICE

The University of Richmond Police Department, a nationally accredited police department, is committed to providing a safe and secure environment for our students, faculty, staff and visitors. The University of Richmond Police Department provides 24-hour uniformed response to calls for service, provides routine and directed patrol activities, performs vehicular crash investigation and performs the investigation of criminal offenses. Additionally, all police officers are Red Cross First Responder/CPR certified. Uniformed security officers also assist with building security and other calls for service as needed.

All crimes that occur on the campus should be reported to the University Police in person or by calling 911, (804) 289-8911 or (804) 289-8715. More information about the police department, including crime statistics, can be found online at <http://oncampus.richmond.edu/administration/police/>.

Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act

The University of Richmond is committed to assisting all members of the University community in providing for their own safety and security. The annual security compliance document is available on the University of Richmond Web site at <http://www.richmond.edu/administration/police/>. If you would like to receive a copy of the security report which contains this information, you can stop by the University Police Department at Special Programs Building, #31 UR Drive, University of Richmond, VA 23173, or you can request that a copy be mailed to you by calling (804) 289-8722.

The Web site and booklet contain information regarding campus security and personal safety including topics such as: crime prevention, University police law enforcement authority, crime reporting policies, disciplinary procedures and other matters of importance related to security on campus. They also contain information about crime statistics for the three previous calendar years concerning reported crimes that occurred on campus, in certain off-campus buildings or property owned or controlled by University of Richmond and on public property within or immediately adjacent to and accessible from the campus.

This information is required by law and is provided by the University of Richmond Police Department.

Parking Services

The parking and traffic regulations of the University of Richmond are designed to best maintain an orderly flow of traffic on campus and to best utilize the existing parking facilities. To accomplish these goals it is necessary for all motor vehicles, including motorcycles, golf carts and mopeds owned or operated by faculty, staff or students to be registered with Parking Services on an annual basis. All vehicles registered and operated on campus must be properly licensed and inspected for mechanical

condition in accordance with the laws of the state in which the vehicle is registered for operation. All persons operating a vehicle on University grounds must possess a valid operator's license. Rules and regulations and vehicle registration information can be found at the Parking Services Web site at <http://richmond.edu/administration/police/parking>. Parking lots are lighted and patrolled by the University Police Department.

HOUSING AND RESIDENCE LIFE

On-campus housing for undergraduate students may be requested by contacting the Office of Undergraduate Student Housing. The University attempts to provide on-campus housing for full-time students who wish to be accommodated. No student is required to live on campus, and some choose to reside off campus in private homes or apartments. The University does not provide married student housing.

Residence hall rooms generally house two students, but there are rooms available which house one, three or four persons. Most residence halls have lounges and laundry areas.

Room reservation procedures are made available at appropriate times during the school year. In general, continuing students request rooms and roommates according to the procedures established by the Office of Undergraduate Student Housing. Incoming students complete a questionnaire. Using expressed lifestyle, mutual interests, and other criteria, rooms and roommates are assigned.

General supervision of the residence halls is provided by professional staff who are assisted by specially trained upperclass students. University policy is the framework under which all campus residences are governed.

Numerous educational and social programs are planned for residents by the residence life staffs of the colleges, the Residence Hall Association and the President's College Associates. These programs make the residence halls and apartments living and learning environments that promote a sense of community and personal growth.

General Conditions

The Unified Agreement sets forth the specific terms and conditions applicable to residence hall rentals, meal plans, telecom services and data services. Each student approved for housing receives a copy of the Unified Agreement, which details

the services provided to students, in conjunction with the room reservation procedures. Detailed information regarding residence life and housing is available in the college handbooks.

ACTIVITIES

Because cocurricular activities are an important part of the campus experience, a broad range of events and opportunities to challenge student interests is provided. The University has opportunities for leadership and community service as well as for cultural, recreational, social and spiritual interests. These activities, combined with academic pursuits, contribute to the formation of the well-rounded individual.

ARTS AND CULTURAL EVENTS

The Modlin Center for the Arts presents more than 35 world-class performing arts events as part of the Modlin Great Performances Series, four main-stage productions presented by the University Players and Dancers, and another 22 music performances as part of the Department of Music's annual free concert series. Located throughout the campus, University Museums presents more than 20 exhibitions of national and international art and artifacts as well as student work. In addition to arts events, the Jepson School of Leadership Studies, the WILL program and many academic departments sponsor lecture series.

CAMPUS ACTIVITIES BOARD

Each week, the student-run Campus Activities Board presents a diverse selection of events planned for students. Such events include, but are not limited to, bands, movies, comedians, hypnotists and karaoke.

Organizations

There are over 200 recognized student organizations, groups and clubs. The list of organizations each year reflects changes in student interests. Academically oriented groups and chapters of national honor societies comprise about a quarter of the student organizations. These organizations, such as Phi Beta Kappa for students in the arts and sciences and Beta Gamma Sigma for business students, recognize exceptional academic achievement. Other organizations provide opportunities in academic disciplines for study, research or practice beyond the classroom.

Each serves to unite students who have a common academic interest.

There are organizations which represent the University in the community. These include the student newspaper and literary magazine, theater productions, performing arts ensembles, the student-operated radio station and numerous volunteer organizations.

Religious and spiritual life, coordinated through the Office of the Chaplaincy, offer a variety of opportunities for fellowship, study, service, worship, practice and learning in small- and large-group settings.

The Greek social system comprises approximately 40 percent of the full-time undergraduate men and 50 percent of the full-time undergraduate women. There are eight organizations for men and eight for women; all are nationally recognized. The men have their own lodges for social and recreational purposes while the women use existing campus facilities. However, Greek system members live among other students in the campus residence halls and eat in the central Heilman Dining Center. In addition to their social activities, these organizations historically have organized and supported a broad range of community service projects.

Special interest organizations are yet another way for students to gather with others who have similar interests. In this context an individual might want to learn or sharpen skills in, for example, skiing. If there is no club to meet the common interest of several students, there are procedures to guide the formation of one.

Intercollegiate Athletics

The University of Richmond is a proud member of the National Collegiate Athletic Association and the Atlantic 10 Conference. All of the University's intercollegiate athletics sports are NCAA Division I, including Division I-AA football. All teams participate in the Atlantic 10 Conference. The intercollegiate athletics program offers nine sports for men and 10 for women. The men's teams include baseball, basketball, cross country, football, golf, soccer, tennis and track (indoor and outdoor). The women's intercollegiate athletics teams compete in basketball, cross country, field hockey, golf, lacrosse, soccer, swimming, tennis and track (indoor and outdoor).

Recreation and Wellness

The mission of Recreation and Wellness is to provide opportunities and experiences that foster personal development, enhance academic productivity, increase physical and psychological health, and encourage social interaction through involvement in health, wellness and recreational activity.

Students, staff and faculty are eligible to use the Recreation and Wellness facilities during normal hours of operation. The new Weinstein Center for Recreation and Wellness will provide a comprehensive facility that includes a two-level fitness and wellness center, three-court gymnasium with an elevated walking and jogging track, two multipurpose rooms, pool, game room, racquetball and squash courts, as well as locker room and sauna facilities. Participants will experience a full range of cardio and strength equipment, in addition to a wellness resource center and computer lab. Outdoor playing fields and lighted basketball courts are available for recreational use. Also available for recreational use when not scheduled for intramurals, intercollegiate athletics or special events are 13 tennis courts, a 400-meter track and cross country trails.

Members may participate in a variety of classes and programs throughout the year. The Fitness and Wellness program offers group exercise, indoor cycling and instructional programs throughout the day. In addition, special screenings, assessments and services are offered to address health and wellness topics. Services often include massage therapy, personal training, cholesterol screenings, blood pressure checks and fitness assessments. The intramural sports program offers a wide range of major and minor sports at a variety of skill levels. More than 25 sport clubs provide student leadership opportunities as well as competitive options for students who are not part of the varsity athletic program. The Natural High/Outdoor Adventure program offers activities and trips throughout the year, often including whitewater tubing and rafting, camping, skiing, rock climbing and hiking.

For more information about Recreation and Wellness programs or the Weinstein Center, please visit <http://oncampus.richmond.edu/student/affairs/recwell/index.html>.

Student Government

To as great an extent as possible, the University places the governance of students in the hands of students. The residential colleges, and the schools of business and leadership studies each have their own elected student government association which responds to the needs and interests of its specific students. In addition, student representatives are chosen to sit and vote on certain faculty committees and committees of the Board of Trustees. Each college has its own honor council and its own judicial council composed entirely of students.

DINING SERVICES

University of Richmond Dining Services is a multi-operation department consisting of dining locations, snack shops and retail stores. The newly renovated E. Bruce Heilman Dining Center is a state-of-the-art facility overlooking Westhampton Lake that serves approximately 3,000 students and guests daily. A retail market is located off the main lobby and the University Club is located on the lower level. The upper level of the facility houses the Department of Food and Auxiliary Services and the campus Post Office.

The centrally located Tyler Haynes Commons (THC) houses Tyler's Grill, an eat-in or carry-out operation with a dining area that faces the scenic Westhampton Lake and gazebo. The campus smoothie bar, Freshens and the Cellar, a late-night gathering space, also are located in THC. For-late night studying at Boatwright Library, gourmet coffee, hot drinks and snacks are available at Eight Fifteen at Boatwright. Sodas, snacks and grocery items also are available at the Dean's Den, located in the Whitehurst building near the Richmond Dean's office.

Meal Plans

All students living on campus, except those in University Forest Apartments, are required to participate in a meal plan. University Forest residents can waive meal plan participation, choose from any of the campus meal plans, or purchase a Spider Flex Plan of dining dollars designed just for their convenience. An off-campus meal plan also is available for commuting students or students residing in Honey Tree Apartments. Details of the various meal plan options, including

the Spider Flex and off campus plan are available on the Dining Services Web site at <http://dining.richmond.edu/>.

Meal Plan Selections and Policy of Change Requests

Students are provided the opportunity to make their meal plan selection via BannerWeb each fall and spring for the next semester. Deadlines by which this selection must be made are sent to students through Spiderbytes and are posted on the dining services Web site. Once the selection is made, only one additional adjustment is permitted and must be made prior to the published deadlines. (Typically June 1 for the fall semester and November 1 for the spring semester.) To initiate a change, the student must personally contact the One-Card Office. After the deadline, a change can be made only with the approval of the associate director of dining services and will incur a \$50.00 processing fee. A student may be permitted to move between the appropriate meal plans, but **no refunds will be issued**. Any decrease in charges will automatically be credited to a University One-Card account for the student's use on campus. Increased charges will be due at the time of the change or will be billed.

Hours of Operation and Other Services

You can find something to eat somewhere on campus whenever classes are in session, from 7:15 a.m. to midnight Monday through Thursday, Fridays from 7:15 a.m. until 1:00 a.m. and Saturday and Sunday from 10:30 a.m. until 1:00 a.m. Dining Services maintains an up-to-date schedule of menus and operational hours for all campus locations on their Web page. Meal plans follow the undergraduate academic calendar and service and hours maybe limited during academic breaks and holidays.

A wide variety of additional services, including nutrition counseling and meals-to-go, along with catering services are also available through University Dining Services. Additional information is available upon request or can be viewed at <http://dining.richmond.edu>.

Special Dietary Needs

With a registered dietician as a member of the University Dining Services team, every effort is made to support special dietary needs that

are medically based. Medical documentation is required and students with dietary restrictions or special needs are asked to make an appointment to see our nutrition professional. Students will be required to sign an informational release so that their situation can be discussed with their physician or medical professional as needed. In addition, dining services may require that students consult the University's physicians regarding their dietary requests.

The University does not have designated facilities to accommodate religion-based dietary needs on a daily basis. However, we do work closely with the Campus Ministry to provide Kosher for Passover selections and carryout meals during Ramadan. Please contact the associate director of dining services if you have questions regarding available services.

BOOKSTORE

The University Bookstore carries textbooks for all courses scheduled for a given term at the University. A comprehensive selection of reference books and general reading materials also is available. The store offers academically-priced software, computer and office supplies, greeting cards, gifts, clothing and health and beauty aids. Services include UPS shipping, faxing and photo developing. The bookstore's Web site is www.urspidershop.com.

STUDENT IDENTIFICATION NUMBER

In an effort to better protect the privacy of each member of the University of Richmond community, the University uses randomly generated ID numbers of each student, employee, faculty member and alumni.

A student will be assigned a University of Richmond ID number as the primary identification for University records when he/she enters the University. This eight-digit number will be printed on each student's One-Card (unless the student requests it not be printed). This ID number also will be used in conjunction with a confidential PIN for students to register for classes and access their academic records through the Web using the University of Richmond's Student Information System (BannerWeb). A social security number will still be required to be on file with the University to fulfill IRS and federal reporting requirements.

IDENTIFICATION CARD/ONE-CARD

Each degree or certificate-seeking student will be issued a picture identification card (One-Card) upon request. This card verifies that the holder is eligible to receive University library and certain other campus privileges. A campus ID is required for check cashing and access to athletic facilities and serves as your meal card if applicable. **Neither the card nor its privileges is transferable.**

All University students may sign up for the University's Spider Account, a declining balance program which allows students to access previously deposited funds via their University One-Card. The Spider Account allows students the ability to make purchases without carrying cash and can be used by all students at the bookstore, the Student Health Center, in campus laundry facilities, at most vending machines and at all campus dining locations. Students will be mailed information each semester for One-Card sign up. Complete information on the One-Card is available at <http://oncampus.richmond.edu/student/life/one-card/>.

WRITTEN COMPLAINTS AND GRIEVANCES

Students who wish to lodge a complaint or grievance pertaining to University policies, procedures or conditions may address their complaints in written form to the appropriate department head or official who oversees the area of concern. If in doubt as to whom to direct the complaint, the following officials may be contacted:

Academically related concerns:

School of Arts and Sciences: Dean of Richmond College (Men) or Dean of Westhampton College (Women)

Robins School of Business: Dean of the Robins School of Business

Jepson School of Leadership Studies: Dean of the Jepson School of Leadership Studies

Housing Concerns:

Director, Office of Undergraduate Student Housing

Financial Policy Concerns:

Vice President for Business and Finance

All other concerns:

Vice President for Student Development

CONFIDENTIALITY/PRIVACY RIGHTS/RIGHT TO KNOW

University of Richmond procedures and the Family Educational Rights and Privacy Act (FERPA) prohibit the unauthorized release of confidential information about individual students. However, directory information is not considered to be confidential and may be published or otherwise released. Directory information includes: name; addresses, including permanent, campus, local (off-campus), e-mail and campus computer network (IP) address; associated telephone numbers; date and place of birth; school or college; major and/or minor fields of study; degree sought; expected date of completion of degree requirements and graduation; degrees conferred; awards and honors (e.g., dean's list); full- or part-time enrollment status; dates of attendance; previous institutions attended; participation in officially recognized activities and sports; weight and height of members of athletic team; and photograph. A full list of information considered directory information is available on the Office of the University Registrar's Web page at <http://oncampus.richmond.edu/academics/registrar/policy/ferpapolicy.html> or by contacting the Office of the University Registrar. Students may opt to have their directory information withheld. To exercise this option, the appropriate form must be obtained from the Office of the University Registrar, completed and returned to that office. Once filed, this form remains in effect until withdrawn by the student in writing to the Office of the University Registrar. For further information, contact the Office of the University Registrar.

RIGHTS WITH RESPECT TO EDUCATION RECORDS

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. Access to Education Records: students have the right to inspect and review their education records within 45 days of the day the University receives a written request for access. Students should submit their request to the Office of the University Registrar and specify the record(s) they wish to inspect. Arrangements will be made for access and the student notified of the time and place where the records may be inspected.
2. Request for Amendment of Education Records: students have the right to request amendment of their education records if they believe the records are inaccurate. They should write the University Registrar, clearly identify the part of the record they want changed, and specify why it is inaccurate. If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding hearing procedures will be provided to the student when notified of the right to a hearing.
3. Disclosure of Education Records: students have the right to consent to disclosures of personally identifiable information contained in education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interest. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving

on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

Upon request, the University discloses records without consent to officials of another school in which a student seeks or intends to enroll.

4. Right to File a Complaint: Students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by the University of Richmond to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

*Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-4605*

The University's complete policy statement can be found on the University Registrar's Web page at: <http://oncampus.richmond.edu/academics/registrar/policy/ferpapolicy.html>.

Note: Because of the access afforded by a University ID, this number is not considered directory information and will not be released without a student's consent except in situations as listed above. Students should treat the University ID as confidential--it should be protected and not carelessly shared with others. It will be used for a student's entire time at the University of Richmond, so it should always be treated in a confidential manner.

RIGHT TO KNOW

In accordance with the Student Right To Know and Campus Security Act, the University of Richmond makes graduation rates available to all current and incoming students. These figures can be found on the University Registrar's Web page at: <http://oncampus.richmond.edu/academics/registrar/policy/studentcon.html>.

ACADEMIC OPPORTUNITIES AND SUPPORT

ACADEMIC ADVISING

Every new student is assigned an academic advisor who is either a faculty or staff member. The advisor serves as a resource for the student in the development of the student's academic program and in other academic matters. The student is expected to meet with his or her academic advisor regularly to plan an academic program and review achievement.

By the end of the second year, in conjunction with the selection of a major, a different advisor will be assigned by the departmental chair or coordinator who is responsible for the student's chosen major subject area.

Consistent with the University's belief that responsibility for one's actions reside with the individual, academic advisors are indeed resource persons. The final decisions and responsibility for one's educational plan remain with the student. For more information on academic advising, see http://oncampus.richmond.edu/Student_Affairs/wcollege/Academic_Advising/index.html.

ACADEMIC SUPPORT CENTERS

Academic Skills Center

The Academic Skills Center, located in the administrative wing in Boatwright Library, provides academic skills support to all University of Richmond students (i.e., undergraduate, graduate, etc.). Operating from a holistic vantage point, the Center incorporates counseling and study skills techniques which address the academic performance of students and their social adjustment to the University environment. The Center offers free tutoring in a variety of subjects to students through its Peer Academic Skills Tutoring program. Both individual and group tutoring options are available in one-hour sessions. For information, call (804) 289-8626 or come by the center to schedule an appointment.

Weinstein-Jecklin Speech Center

Practice and preparation can make the difference between a satisfactory speech and a memorable one. Videotaping, review and peer consultation

are available at the Speech Center to assist students in the development of their oral presentations. Administrators, faculty and staff rely on the Speech Center as well to prepare for workshops and to tape small group discussions for classroom purposes. The student consultant staff assists client peers with mock interviews, symposia presentations and conference panel practice sessions at the student's request.

Faculty and trained undergraduate students conduct consultations at the Speech Center weekday afternoons and evenings and weekends by appointment. To reserve a practice time, students may go to the appointment page on the Speech Center's Web site at <http://speech.richmond.edu>. Students can reserve the most convenient time with student colleagues with whom they may be acquainted. The Speech Center is located on the fourth floor of Weinstein Hall between the departments of Rhetoric and Communication Studies and Journalism.

Writing Center

The Writing Center offers assistance to students writing papers and reports as well as to those making applications to graduate and professional schools and preparing résumés. Beginning about the third week of each semester, the Writing Center is open on a regular basis and staffed with student tutors. Students may make an appointment using the Center's online calendar. The Writing Center also offers typing instruction and special tutoring for international students. The Center is located in the Boatwright Library's Administrative Wing, under the bell tower to the right of the library's main entrance. Many of the center's materials and other information can be found at <http://writing.richmond.edu>.

RICHMOND RESEARCH INSTITUTE

The Richmond Research Institute was founded in 2004 to encourage and facilitate collaborative research among faculty and students, and to help raise the research profile of the University of Richmond. The Institute has created a comprehensive online database of faculty research

interests and accomplishments. The Web site features more than 600 books and book chapters authored by University of Richmond faculty members. Hundreds of faculty-authored research articles in scholarly journals also are listed on the site. Another of the Institute's ongoing projects has been the collection and posting of student research. The students' research is the culmination of an independent study or project mentored by a faculty member at the University. The site features streaming videos of students talking about their research, abstracts, research papers and posters and other research products. In addition to focusing attention on ongoing faculty and student research, the Institute – under the direction of the provost – encourages new research through a variety of initiatives. For more information on the Institute and the projects mentioned above, please visit the Richmond Research Institute Web site: <http://research.richmond.edu>.

WILL PROGRAM (WOMEN INVOLVED IN LIVING AND LEARNING)

Established in 1980, Women Involved in Living and Learning (WILL) is a national, award-winning program that actively develops the intellectual and leadership skills of women undergraduates by enabling them to excel in their chosen fields and realize their full potential. Through courses, programs and a student-run organization, WILL students explore the influence of women and gender across disciplines, cultures and in their own lives. They also examine how gender intersects with other forms of social identity, including race, class and sexuality. Young women leave WILL with their eyes wide open and ambitions high, equipped with the awareness, confidence and experience to effectively guide their visions for a better world.

All WILL students complete a minor in Women, Gender and Sexuality Studies, which serves as the cornerstone of the WILL program and provides a historical and theoretical framework for the examination of gender roles, societal institutions and the wide range of women's struggles and achievements. The required WILL internship and accompanying seminar afford students the opportunity to put theory into practice for a real-world understanding of classroom concepts. WILL students combine their minor in Women, Gender and Sexuality Studies with a wide range of majors, including business, leadership and the sciences.

As members of the WILL student organization, WILL women gain valuable leadership experience through student committees, an elected board and involvement in the community. Students have organized successful statewide conferences, awareness campaigns and social action projects benefiting everyone from fellow students to local middle school students to hurricane survivors.

Through lectures, performances and other events, WILL students hear from prominent women and men who are deeply involved in a variety of gender-related issues. WILL students also have the opportunity to interact with the invited guests one-on-one. These events and discussions bring coursework, women's issues and students' own beliefs and aspirations into much sharper focus. And, just as important, they provide first-hand knowledge that one person can make a difference in the lives of many.

Information, including an application, is sent to all incoming first-year and transfer women in the summer. Applications are accepted during the summer and in the fall of a student's first year at the University of Richmond. Subject to space availability, second-year women also may apply. For further information, visit WILL's Web site at oncampus.richmond.edu/will and the Women, Gender and Sexuality Studies section of this catalog.

INTERNATIONAL EDUCATION

The academic program of the School of Arts and Sciences provides opportunities for the study of international subjects within academic fields, which have long been associated with such issues, e.g., political science and modern languages and literatures. In addition, as a result of focused efforts to internationalize the whole curriculum, there are also a large and growing number of courses in nearly all other departments, such as art, English, history, philosophy, religion and biology, which include international, often non-Western components. Students interested in the international field can major in one of the academic disciplines and in International Studies, an interdisciplinary and cross-cultural program coordinated by Professor Vincent Wang. The curricula of the Robins School of Business and the Jepson School of Leadership Studies include a number of courses that are international in scope. The Robins School of Business offers a concentration in international business.

The University of Richmond places great emphasis on internationalizing the education and campus life of all students. To that end, the Office of International Education (OIE) manages and initiates study abroad programs; provides international student and scholar services; organizes activities and events such as International Week, lectures, concerts, fairs and an annual international film series, as well as a faculty seminar abroad; and maintains an International Resource Center with travel, work and volunteer information. The office also offers advising and administration of grants and scholarships such as Fulbright. The office, which serves all schools of the University, is located on the first floor of Puryear Hall.

Campus Activities

The University of Richmond provides a wide range of on-campus activities and events in support of international education. Courses, lectures and seminars are offered by resident and visiting international scholars, writers and artists. The annual International Film Series, exhibits and concerts bring to campus arts from around

the world. Students are able to participate in a variety of international organizations such as the Asian Students Association, Multicultural Student Union, International Club, Model United Nations, Phi Beta Delta, Amnesty International, and Americans for Informed Democracy. Familiarization with other countries and cultures is enhanced on campus through contacts with a significant and growing number of international students who are fully integrated into the life of the University.

Cross-cultural education and dialogue at Richmond take place in residence halls as well as in classes. While the great majority of international students live in general residence halls, the Global House is home to a community of U.S. and international students. Programs planned and executed by students living in the Global House are open to the entire University community.

The rapidly growing international student population has recently included representatives from Albania, Argentina, Australia, Austria, Azerbaijan, Bangladesh, Belgium, Bolivia, Brazil, Bulgaria, Cameroon, Canada, China, Costa Rica, Dominican Republic, Ecuador, Egypt/Greece, Eritrea, Ethiopia, France, Germany, Ghana, Guatemala, Hong Kong, Iceland, India, Israel, Italy, Ivory Coast, Jamaica, Japan, Kazakhstan, Korea, Lebanon, Lesotho, Lithuania, Mexico, Moldova, Morocco, Netherlands, Netherlands Antilles, Nicaragua, Nigeria, Norway, Peru, Poland, Romania, Russia, Saudi Arabia, Slovakia, South Africa, Spain, Switzerland, Taiwan, Thailand, Trinidad and Tobago, Turkey, the United Kingdom, Ukraine, Uzbekistan, Zambia and Zimbabwe.

Study Abroad

The University of Richmond has linkages with 70 distinguished universities and study abroad programs around the world. These study abroad opportunities enhance Richmond's curriculum by offering students a wide variety of courses and experiences. Students can go abroad for a semester, year or summer and earn major, minor and elective credits toward graduation. Short programs abroad

related to specific courses are offered in break periods during the academic year.

At the University of Richmond, we believe that study abroad is most effective when students are integrated into the local educational system and culture. Therefore, most Richmond semester programs involve direct enrollment in universities abroad, with on-site support provided by the host university's international office.

Professional staff offer guidance, advising and support throughout the entire study abroad process. The office organizes extensive orientation programs to help prepare students prior to departure. Upon return from study abroad, the OIE organizes activities to help reintegrate students into the University community and to identify opportunities for continuing international education on campus and in the community.

Direct experience of cultures is the best way to learn to communicate across barriers of language, customs, politics and geography. An encounter with different values and educational systems, when supported by good will and serious study, broadens students' understanding of the complexities of our rapidly changing world. Students who study abroad find their experiences, both in and out of the classroom, to be stimulating and rewarding. They return with a better understanding not only of other cultures, but also of their own.

While study abroad has long been recognized as a significant component of a liberal arts education, today students majoring in the sciences, leadership studies and in business are actively participating in study abroad in growing numbers. Study abroad is possible and encouraged for all students, regardless of their major and financial situation. Students who follow required procedures may transfer up to 16 credits per semester from study abroad and graduate with their class in four years. It is a common misconception that proficiency in a foreign language is necessary for study abroad. It is, in fact, quite feasible to study in English in non-English speaking countries where English is widely used and courses in English are offered. It also is possible to combine intensive study of a foreign language with other courses taught in English.

Early planning is crucial to any successful study abroad experience. The selection of an appropriate program must take into account the student's

academic and personal interests. Students are encouraged to begin exploring the opportunities for foreign study as early as the first year and to plan their University of Richmond courses accordingly.

When deciding when and for how long to study abroad, a variety of alternatives can be considered. Richmond students have opportunities to study abroad for a year, a semester or a summer, in the second, third or even the fourth year. Combining summer study after the first year with semester or year study abroad during the third year is among the best choices.

There are a number of study abroad options. During the academic year there are opportunities to study through the University's exchanges and affiliate programs in 30 countries. For a current list of programs, see the Office of International Education's study abroad Web site at <http://oncampus.richmond.edu/academics/international/Studyabroad/index.html>.

During the summer, the University of Richmond sponsors a number of study abroad programs directed by Richmond faculty. Programs are offered regularly in Argentina, China, France, Germany, Greece, Italy, Ireland, Japan, Russia, Spain and the UK. Internships are available in Australia, Ecuador, Germany, Ireland, Senegal, Spain and the UK. New programs are always being created. For more information see <http://oncampus.richmond.edu/academics/international/>.

Students should be aware of the University of Richmond's policy on study abroad. The University of Richmond invests considerable resources to create study abroad programs consistent with the standards and educational objectives of this University and the needs of its students. Richmond students will be expected to enroll in Richmond programs, unless there is a compelling reason why a UR program does not meet a student's academic needs. Decisions regarding petitions for non-UR semesters abroad are made by a subcommittee of the International Education Committee, in collaboration with the OIE and the departments from which the student is seeking academic credit. Transfer credits for study abroad will be awarded only for preapproved programs.

After an appropriate study abroad program has been selected, each student is expected to

follow procedures administered by the Office of International Education. Maintenance of status as a current student and credit transfer for study abroad can be assured only if the program and courses have been approved and an equivalent grade of C or better is earned. Please see the Academic Procedures section for additional administrative information. For specific information on financial aid for study abroad, consult the Office of Financial Aid. Most financial aid is transferable to University of Richmond academic semester and year programs only. Students attending UR semester abroad programs also will receive a travel allowance for most programs. See the Web site for more information.

International Student Advising

The Office of International Education is the primary “port of call” for international students, scholars and visitors before and during their stay at the University. Issues related to visas, health insurance, taxes and housing, as well as academic and cultural concerns, are addressed by the staff in consultation with relevant departments and other administrative units of the University. In order to help international students and scholars with integration to the University and the United States, the office organizes orientation sessions as well as cultural and social activities throughout the year.

ACADEMIC PROCEDURES

The University of Richmond has, for each academic program, procedures and degree requirements that must be satisfied before the degree can be granted. The student is responsible for knowing the specific requirements and planning appropriately to allow for the completion of these requirements. The University provides, depending on the program, either or both academic advisors and administrative personnel to assist students with their plans. In any case, the final responsibility for following procedures and meeting degree requirements rests solely with the student.

The following sections describe academic policies, regulations and procedures. If no indication of school is given, that section pertains universally to the School of Arts and Sciences, the Robins School of Business, and the Jepson School of Leadership Studies. When a statement pertains to a particular school or schools, it is listed under the appropriate school heading.

ADVANCED STANDING

I. Credit By Examination

The University of Richmond accepts several credit-by-examination options. A first-year student entering the University may apply a maximum of 30 semester hours of transfer credit from work taken prior to initial enrollment, including credit by exam, to a University of Richmond degree. The

following are guidelines for the most common examinations warranting credit. Specific details regarding each of these options and advanced standing examinations from French, German, Italian, Icelandic and English-based educational systems can be found in the Credit-by-Exam policy. This policy is available from the Office of the University Registrar and the Office of Admission. Both offices will further serve students with international exams on a case-by-case basis.

A. Advanced Placement

The University of Richmond participates in the Advanced Placement program of the College Board. Successful candidates for admission who have taken Advanced Placement examinations and have the official results submitted may be eligible for credit or an exemption. Students who have received appropriate scores on Advanced Placement examinations (as established by the departments concerned) may receive credit for or may be exempt from a general education requirement if the Richmond equivalent courses for which they will receive credit can be used by Richmond students to meet fields-of-study requirements. Specific allocations of AP credit for communication skills or fields-of-study requirements may vary from year to year. Current information is available from the Office of the University Registrar.

B. CLEP

The University of Richmond awards credit on a limited basis for an acceptable performance on a College Level Examination Program (CLEP) examination recognized by the University academic department concerned. Generally a student may not attempt credit by examination for a course in which a failing grade was received, or for a basic course in an area in which acceptable college credit has been earned at a more advanced level. Students who have received appropriate scores on CLEP examinations (as established by the departments concerned) may receive course credit that satisfies fields-of-study requirements of the General Education Requirements, if the Richmond courses for which they will receive credit can be used by Richmond students to meet fields-of-study requirements. Specific allocations of CLEP credit for communication skills or fields-of-study requirements may vary from year to year. Current information is available from the Office of the University Registrar.

Arrangements to take CLEP examinations may be made with the College Board. Information on current University policies relating to CLEP may be obtained from the Office of the University Registrar.

C. Credit By Local Examination

Credit by local examination may be used to satisfy general education requirements in the areas of communication skills and fields of study, as well as to satisfy major requirements or use as elective credit. Information on courses for which credit by local examination may be earned is available in the Office of the University Registrar. Students should check with departments for examination dates, fees and related regulations.

D. International Baccalaureate

The University of Richmond considers only Higher Level exams in the International Baccalaureate (IB) program eligible for credit. The University may award credit or give an exemption for certain general education requirements if the requisite score is achieved and the test has been recognized by the academic department concerned. Specific allocations of IB credit for communication skills or fields-of-study requirements may vary from year to year. Detailed information on current IB policies is available from the Office of the University Registrar.

Credit for U.S. Armed Services Veterans

In accordance with the recommendations of the American Council on Education, the following advanced credit will be allowed veterans:

1. A veteran may receive credit for specialized training courses and for correspondence courses taken from accredited colleges under the auspices of the U.S. Armed Forces Institute. A veteran desiring such credit should present the record of training to the University Registrar either on the transcript form of the college at which the work was taken, or on the form prepared for such purposes by the U.S. Armed Forces Institute. In cases of question, the appropriate Academic Council will determine the amount of credit to be granted.
2. In allowing further advanced credit for educational experience in the armed services, the University is guided largely by recommendations of the American Council on Education.

Transfer Credit

Credit in transfer may be accepted only for courses which are comparable to courses offered in the School of Arts and Sciences, Jepson School of Leadership Studies, and/or Robins School of Business curriculum at the University of Richmond. Moreover, the coursework must have been taken at an institution accredited by a regional accrediting agency or the international equivalent at the time the work was taken, and a grade or equivalent of C (2.0) or better must have been earned. The semester credit hours or equivalent as earned at the other institution will transfer. Coursework accepted in transfer shall be applied to specific degree requirements subject to the discretion of the academic department concerned. Hours awarded are added into hours required for graduation, but grades are not calculated in the grade point average.

A first-year student entering the University of Richmond can bring in no more than 30 semester hours of credit, including credit by examination and transfer credit.

No transfer credit shall be formally accepted or recorded until the University has received an official transcript directly from the records office

of the institution which offered the coursework. If coursework is being transferred from more than one institution, an official transcript must be received from each institution. Note: For applicability of transfer work to general education requirements, see General Education Curriculum.

Transcripts and documents from other institutions are the property of the University of Richmond and, as such, are under the control of the Registrar's Office. Under federal policy, a student has the right to view the documents in his or her file; the University is not required to provide (or allow the making of) copies of these documents. Transcripts submitted to the University of Richmond for admission or credit transfer become the property of the University of Richmond and cannot be returned to the student or forwarded to other institutions.

REGISTRATION POLICIES

Registration is limited to admitted, degree-seeking students unless specific approval is granted for unclassified status.

Registration

Students shall register by following the policies.

Note: A student is not fully registered for any term until satisfactory arrangements have been made for that term's fees.

Late registrations may be accepted subject to the policies for adding classes, as indicated in the section below titled Change of Registration. A special fee is required.

Enrollment

Students are not technically enrolled until the first day of class of a semester. Verification of enrollment cannot be made until that time.

Prerequisites

Students should consult the catalog and/or department for required prerequisites before registering for a course. Successful registration for a course does not mean that prerequisites have been fulfilled. A student registered in a course without the required prerequisites may be disenrolled from the course.

Limits of Work

A student normally enrolls for 15 or 16 semester hours of work a week. The minimum load for a full-time student is 12 semester hours.

No student may enroll for more than 19 hours nor fewer than 12 hours of work without the permission of the dean of his or her school. (Arts and Sciences – see residential college dean; Business and Leadership Studies – see academic dean.) Enrollments in either category are subject to special charges as specified in the chapter titled Financial Affairs. Students enrolled for fewer than 12 hours are classified as part time. In addition, a student who wishes to register for 17.5-19 hours must have the permission of his or her advisor.

Change of Registration

Students are able to register for classes through BannerWeb, a secured Web site that may be accessed over the Internet at <https://bannerweb.richmond.edu/> or through the University's Web site. Through BannerWeb, students can register for classes, add and drop classes through the end of add/drop period, view their class schedules, view grades for a specific term and view their unofficial University of Richmond transcript. Students are responsible for all activity on their BannerWeb account including PIN maintenance, registration and security. If a student has questions or needs assistance with any aspect of BannerWeb, he or she should contact the Office of the University Registrar at (804) 289-8639 or registrar@richmond.edu.

Once registered, students may change their registration (add/drop) according to the published schedule. For a regular term, generally adds and withdrawals without academic record may be made during the first two weeks of classes (a change fee of \$10 is charged for each change made after the first week of classes). After the end of the first 10 days of classes, but before the end of the seventh week, a withdrawal-with-record period is in effect where students may withdraw from courses provided that they receive the permission of the appropriate course instructor and academic advisor. Students will be required to pay the fee for change in class and will receive an M if failing at the time of withdrawal, or a W if passing at the time of withdrawal. Ordinarily, a student may not withdraw from a course after the end of the seventh week of classes except for medical reasons. The student's dean may, under special circumstances, make an exception to this policy.

Auditing Courses

Auditing a course means the course instruction is undertaken, but not for credits and grade. With the approval of the student's academic advisor, dean and the instructor of the course, a student may declare a course to be taken on an audit basis. A permission form must be obtained from and returned with appropriate signatures to the Office of the University Registrar by the end of the 10th day of classes. The student must first register for the course and then file the permission form. The regular rate of tuition is charged, and the audit course is counted as a part of the student's semester load. Once the form is submitted to the University Registrar, the decision may not be reversed. An audited course cannot subsequently be taken for credit unless approved by the appropriate dean.

Pass/Fail Option

School of Arts and Sciences

Jepson School of Leadership Studies

(excluding Leadership Studies courses)

(Not available to business students)

An Arts and Sciences or Leadership Studies student who has completed at least 61 semester hours of academic work may opt for one normally standard-graded course per semester to be graded on a Pass/Fail basis. The course may only be used to count as total hours of credit toward a degree, and cannot be used to satisfy any general education requirement or any major or minor requirement. No Jepson School of Leadership Studies or Robins School of Business courses may be taken for Pass/Fail grading except those in the Department of Economics. No more than four student-opted Pass/Fail courses are acceptable for degree credit.

Note: Some courses are only available as pass/fail courses, such as internships, student teaching, and some research courses. The restrictions stated above do not apply to such courses.

The level of performance necessary to earn a Pass in a student-opted Pass/Fail course is D- or better. A Pass grade will be recorded as P on the permanent record. The hours will be added into hours earned toward graduation and will not affect the grade point average. A Fail grade will be recorded as F on the permanent record. The hours will be added into GPA hours and will affect the grade point average.

To opt for Pass/Fail grading, a permission form must be obtained from and returned with appropriate signatures to the Office of the University Registrar by the end of the 10th day of classes. The student must first register for the course and then file the permission form. Once the form is submitted to the University Registrar, the decision may not be reversed.

Repeated Courses

Coursework may not be repeated for credit toward graduation except as sanctioned by the University; however, particular coursework may meet more than one requirement for graduation. An example of a sanctioned repeat-for-credit is the subsequent registration for a course in which the content changes from term to term such as Special Topics or Independent Studies. Also, certain courses in a major or program may have to be repeated if the grade earned the first time does not meet requirements; in such a case, the credit hours will be counted only once but both grades will be calculated in the cumulative grade point average.

Courses taken on an audit basis cannot be repeated for credit unless approved by the appropriate dean.

Except in clear situations, the Office of the University Registrar should be consulted before registration to learn if a proposed repeat is sanctioned for credit or if sanction is possible.

All courses taken at the University of Richmond become a part of the permanent academic record. The grade for a course repeated at the University of Richmond becomes a part of the grade point average if the grade otherwise would be included in the computation.

COURSE ADMINISTRATION

Class Attendance

Students are expected to attend all meetings of all classes (including lectures, seminars, laboratories and drills) in which they are enrolled. The specific attendance policy in each course, however, is determined by the instructor of the course, subject to the section on University Holidays below. At the start of each semester, the instructor is responsible for describing the class attendance policy in the syllabus and distributing it to students.

Academic events sponsored by the University (i.e. under supervision of faculty advisors) include, but are not limited to: theatre/dance and musical performances, debate, mock trial, model UN, conference attendance, ROTC field leadership exercise, and Oldham scholar travel. Because such events and varsity athletic competitions are recognized as integral to the educational experience, the appropriate residential college dean or program coordinator will provide official notification of student participation in these activities. It is also the student's responsibility to request such notification and to deliver it to the faculty member as early as possible in the semester. Faculty members (*except for Jepson School of Leadership Studies' courses, see note following*) will honor notification from the college deans or program coordinator that a student is to be excused for participation in a University-sponsored event. (*Note: Jepson School of Leadership Studies faculty will have independent discretion for excusing class absences for any reason including university-sponsored events recommended by the college deans or program coordinator.*) All other absences will not be officially announced by a dean or coordinator, but may be excused at the discretion of faculty. Examples include, but are not limited to, class field trips, illness, funerals and family functions. The University policy regarding absences related to University or religious policies is stated below. The University encourages students to weigh the consequences of missing class and other sponsored academic or varsity athletic events, and to make their choices accordingly.

Misrepresenting the reason for class absences to a professor is a violation of the University's Honor Code.

A student generally will be held responsible for all work of a class or laboratory missed during any absence.

Note: Students enrolled in School of Business or School of Continuing Studies courses must attend at least 75 percent of the class meetings—regardless of the reasons for absence—to be eligible to receive credit for the course.

University Holidays

With the increasing diversity of the University community and the limited flexibility in setting the academic calendar, it is not possible to avoid some religious and secular holidays that are very important to some members of our faculty, staff

and student body. However, the University is very sensitive to the special needs of those who need to observe such holidays and will make accommodations for them to make up the time missed if arrangements are made in advance.

The University is officially closed on New Year's Day, Thanksgiving Day and Christmas. In addition, some schools are closed for classes on Memorial Day, July 4th and Labor Day while others hold classes on those days. (See the appropriate academic calendar for specifics.)

Other holidays affecting University community members include Martin Luther King Day, Rosh Hashanah, Yom Kippur, the first two days of Passover, Good Friday and Easter Sunday. In consideration of their significance for our students, students who observe these holidays will be given an opportunity to make up missed work in both laboratories and lecture courses. If a test or examination is given on the first class day after one of these holidays, it must not cover material introduced in class on that holiday. Faculty and staff should be aware that Jewish and Islamic holidays begin at sunset on the evening before the published date of the holiday.

The University recognizes that there are other holidays, both religious and secular, which are of importance to some individuals and groups on campus. Such occasions include, but are not limited to, Sukkoth, the last two days of Passover, Shavuot, Shemini Atzeret and Simchat Torah, as well as the Islamic New Year, Ra's al-sana and the Islamic holidays Eid-al-Fitr and Eid-al-Adha.

Students who wish to observe any such holidays must inform their instructors within the first two weeks of each semester of their intent to observe the holiday even when the exact date of the holiday will not be known until later, so that alternative arrangements convenient to both the student and instructor can be made at the earliest opportunity. Students who make such arrangements will not be required to attend classes or take examinations on the designated days, and faculty must provide reasonable opportunities for such students to make up missed work and examinations. To facilitate this, faculty will announce and distribute all anticipated test and examination dates on the course syllabus, distributed at the beginning of each semester. Students should be aware that faculty may need to adjust these dates as necessary.

Examinations

Most classes have examinations at the close of each term, according to a published schedule.

Each student is responsible for taking final examinations as scheduled. No rescheduling, excuse for absence and/or provision for making up final examinations will occur without the written approval of the student's dean. Such approval shall be made only for illness certified by a physician, participation in authorized University activities and/or personal emergencies such as death in the family.

Appeals of the rulings associated with the administration of these regulations shall be directed to the student's dean and, if necessary, through that dean to the academic council of the faculty concerned.

Evaluation

Instructors establish grading criteria for their courses and prepare and submit the final course reports (using the grades defined under Grading Policies) to the University Registrar for recording. In the event of a question about the accuracy of the recorded grade, a student should direct inquiries to the instructor and/or the Office of the University Registrar.

It is recognized that each class and each student in a class has unique characteristics that the instructor alone is in the best position to evaluate; consequently, except in unusual circumstances, formal appeals to others concerning the evaluation on which a grade is based are not appropriate.

If unusual circumstances appear to have existed that could have affected the evaluation, the student should first bring the matter to the attention of the instructor (if available). If that informal inquiry is impossible, or if its results are disputed, the student may next bring the matter to the attention of the department chair and the instructor, jointly. In the event of continued dispute, the student may formally petition the dean of the student's school who, in consultation with department faculty, may present the matter to the academic council for a decision.

Grading Policies

The level of student's performance in classwork and examinations is indicated by letters. A (excellent), B (good), C (average), and D (poor) indicate that

the work has been passed. The foregoing grades may be accompanied by a plus (+) or minus (-) to indicate a relative position within the grade category. P shows credit has been earned in a Pass/Fail course, and Z shows that a course was audited. S and U indicate satisfactory or unsatisfactory performance in nonacademic courses. W indicates that the student withdrew from a course with a passing average. Marks indicating failure and included as such in the grade point average are F, M (withdrew from a course with a failing average), and V (failure because of excessive absences). The X indicates that the grade is not available from the instructor.

I and Y mean that coursework has not been completed by the end of the term. The I, which provisionally counts as a failing grade, is given when the reasons for incomplete work are deemed unjustifiable by the instructor. The work is to be made up by the date the instructor specifies, but no later than 45 calendar days from the last class day of the term in which the I was given. If the work is not made up during the grace period, the I will be converted to F. The Y, which does not count as a failing grade, is given when the reasons for incomplete work are deemed justifiable by the instructor, or at the end of the first term of a course that continues into a succeeding term. There is no deadline for completion of the work unless the instructor so specifies. In the case of an I or Y, once the make-up grade is received, it appears to the right of the incomplete grade on the permanent record. In all cases, it is the student's responsibility to make arrangements for and progress to the completion of an incomplete course.

Grade Availability

Grades are due to the Registrar's Office from instructors as specified in the academic calendar published annually by the Office of the University Registrar. They will be available to students as soon as possible after they have been received by the Registrar's Office. Students may access grades via the Internet by using BannerWeb. Students will need their student ID number and student PIN. Grades are deemed correct unless notification to the contrary is received by the University Registrar within three (3) months after the close of the term specified.

Credit and Grade Point Average

The University of Richmond uses the semester hour value. A semester hour is determined by a combination of factors that include contact time with a faculty member in a formal setting and expectations of independent student work through a nominal 15-week semester.

The grade point average is based on two factors:

GPA Hours - The accumulation of academic semester hours that have grades to which grade point values are assigned; and

Grade Points - Given for each semester hour's grade according to this scale:

A+	4.0	B+	3.3	C+	2.3	D+	1.3
A	4.0	B	3.0	C	2.0	D	1.0
A-	3.7	B-	2.7	C-	1.7	D-	0.7
F	0.0	I	0.0	M	0.0	V	0.0

Calculation - The grade point average is calculated by dividing the total number of grade points earned by the total number of GPA hours. The grade point average is represented to two significant decimal figures.

The accumulations and average are shown each term on the permanent academic record and on the transcript. Also shown on these reports is the accumulation of Earned Semester Hours. Earned hours are the academic semester hours in which the student has earned passing grades, plus semester hours credit, if any, for accepted transfer work.

Academic Reports

Reports of the student's progress are prepared each term in the form of the permanent academic record. The information included is the record of the student's registration and grades, with such other information as may be deemed important. All courses taken at the University of Richmond become a part of the permanent academic record.

Work Taken Elsewhere

This section pertains to students who wish to take academic work elsewhere while actively pursuing a degree at the University of Richmond. Only coursework taken at an institution accredited by a regional accrediting agency or the international equivalent at the time the work was taken will be considered, and a grade or equivalent of C (2.0) or better must have been earned. The semester

credit hours or equivalent as awarded at the other institution will be the hours transferred. Hours awarded are added into hours earned for graduation, but grades are not calculated in the grade point average. (Individuals admitted as transfer students, please see the Advanced Standing section.)

Study in the United States

The student is to obtain the approval of each department chair concerned before taking work elsewhere. The approvals ensure that the work is acceptable to the University, its departmental standards and the student's curriculum. The Office of the University Registrar provides a special form for this purpose and also will answer questions about the procedure.

School of Arts and Sciences

Jepson School of Leadership Studies

While students are expected to get approval before taking work elsewhere, work taken without prior approval may be accepted subject to transfer credit policies.

Robins School of Business

The Robins School of Business will approve for transfer credit those courses that meet the following criteria: The course is completed at an institution accredited by the American Assembly of Collegiate Schools of Business (AACSB); the student receives a final course grade of at least C as verified by an official transcript; the approval of the appropriate department chair and dean is obtained. Approvals should be obtained prior to taking the coursework elsewhere. Courses completed at nonaccredited institutions generally are not accepted for credit. Grades for courses taken at another institution are not included in the calculation of the University's grade point average.

Study Abroad

Students wishing to study abroad should contact the Office of International Education for information about the range of opportunities and the procedures they must follow. The procedures ensure that academic work abroad will qualify for transfer credits to the University of Richmond. Further information about study abroad is presented in the chapter on International Education.

Visiting Student Status

Under certain circumstances, students, while not enrolled at the University of Richmond, are granted visiting student status. This status is based on attending a University-approved program of study. To determine if a domestic program is approved, contact the Office of the University Registrar; for study abroad programs, contact the Office of International Education.

Acceptance of Credit

Summer Study Abroad Programs

Only programs with a University of Richmond director or faculty, which also are administered by the University, are included in this category.

For academic record, degree progress, and grade point average purposes, coursework taken in these programs is treated as if the work were completed on campus. There are a number of University Study Abroad programs including programs in Argentina, China, the European Union, France, Germany, Italy, London, Ireland, Greece, Japan, Spain and Russia. All of the programs above are administered through the University of Richmond Summer School office.

Other Programs Abroad

Transfer credit will be awarded for preapproved coursework at a regionally accredited (or international equivalent) institution in which a grade, or equivalent, of C (2.0) or better has been earned. Credit for coursework to be counted toward the major is subject to approval by the academic department concerned. No credit will be awarded for work taken elsewhere until an acceptably complete official transcript in English is received by the University Registrar directly from the institution providing the instruction or the approved agency coordinating the instruction. Such credit is recorded as academic hours passed and is not computed in the student's grade point average.

Note: Students should contact the Office of International Education regarding summer abroad programs not offered by the University of Richmond.

ACADEMIC STANDING

Students are expected to achieve in the classroom and make steady progress toward completion of degree requirements. Relevant designations are specified in the following sections.

Class Standings of Students

The class standing is established at first matriculation and is evaluated after grade posting for each subsequent term of enrollment. The standing is based on semester hours passed including, if applicable, acceptable transfer and/or advanced standing credit. The standings are:

Year 1	0 - 23.9 hours
Year 2	24 - 53.9 hours
Year 3	54 - 83.9 hours
Year 4	84 or more hours

Dean's List

The Dean's List of Distinguished Students recognizes outstanding scholars for each fall and spring semester.

School of Arts and Sciences

Robins School of Business

Jepson School of Leadership Studies

The student must complete at least 12 earned hours for the semester (excluding P/F hours), with no grade below a B- (2.7), and a minimum term GPA of 3.60.

Academic Deficiencies

Academic deficiencies are of two types: academic warning and academic probation.

Academic Warning

At any time when a student's overall grade point average falls below 2.00, the student automatically will be on academic warning. A student on academic warning should take active steps to improve academic performance.

Academic Probation

Academic reports are evaluated at the end of each grade-posting period. Regardless of the specific provisions for each school stated below, if at the end of any term a student's record reveals such significant deterioration in performance that extraordinary action is deemed appropriate by the dean of the student's school or college, that student may be placed on probation, limited in credit hours of enrollment, or recommended for suspension from the school or college regardless of grade point average. In addition, such student may be restricted from participation in certain University activities.

Appeals of rulings associated with the administration of these regulations shall be directed to the relevant academic council.

School of Arts and Sciences***Robins School of Business***

A student who falls below the following minimum accumulations of semester hours and grade point average (GPA) will be placed automatically on academic probation:

Year 1 (0 - 23.9 hours passed)	1.50 GPA
Year 2 (24 - 53.9 hours passed)	1.70 GPA
Year 3 (54 - 83.9 hours passed)	1.85 GPA
Year 4 (84 or more hours passed)	2.00 GPA

If at the end of the second consecutive semester* of enrollment after being placed on academic probation, the student fails to meet the minimum standard based on hours then passed, the student shall be allowed to enroll for no more than seven semester hours of academic work per regular semester or during the entire summer. Such a student has a maximum of 14 semester hours of work attempted in which to achieve the minimum requirement. Otherwise he or she will be suspended from the School of Arts and Sciences or the School of Business.

The above provisions notwithstanding, the dean of the student's college, in circumstances which seem to warrant such action, may allow the student to continue as a full-time student on probation for a single additional semester.

* *Work taken during an entire summer, provided 12 semester hours or more are attempted, shall count as a regular semester.*

Jepson School of Leadership Studies

A student will be placed automatically on academic probation when: a semester cumulative grade point average falls below 2.0; a leadership studies cumulative GPA falls below 2.30; or when a grade in a leadership studies course falls below C- (1.7). While on academic probation, a student's participation in activities such as athletics, debating, dramatic or musical organizations, or their representation of the University in any public capacity, may be restricted.

Following subsequent semesters in which a student fails to reach the minimum GPA required for the major, the record of such student will be reviewed to determine whether further sanctions, which may include dismissal from the Jepson School of Leadership Studies, should be applied.

READMISSION TO THE UNIVERSITY

Students who have withdrawn from the University for whatever reason, other than participating in an approved study abroad, exchange or visiting away program, and wish to return must make their request for readmission in writing to the dean of the appropriate academic school. Students seeking readmission to the School of Arts and Sciences should contact the dean of Richmond College (men) or dean of Westhampton College (women). Students seeking readmission to the Robins School of Business or the Jepson School of Leadership Studies should contact the associate dean of that school.

GRADUATION**Qualifications**

To graduate a student must meet certain qualifications described below.

Curriculum and Achievement

A candidate for the Bachelor of Arts, Bachelor of Science or Bachelor of Science in Business Administration degree must satisfactorily complete all degree requirements (see Summary of Degree Requirements section) and 120 semester hours. Undergraduate degree candidates must earn a grade point average of not less than 2.00 on all coursework attempted and must receive credit for attendance at assemblies and convocations, as required.

Time Limits***School of Arts and Sciences***

There is no time limit in regard to the completion of general education requirements. In the event of catalog changes, a student may choose to fulfill admission and general education requirements for graduation from a subsequent catalog provided all of the requirements of the chosen catalog are met.

***Robins School of Business and
Jepson School of Leadership Studies***

A student must complete the requirements for the degree, as stated in the catalog at the time of entrance, within five years from the date of original entry. Reinstatement to a program after five years requires permission of the academic council of the student's school. If an extension of time is granted, the student may be required to satisfy the degree requirements in effect at the time of reentrance.

Changes in Catalog Information

Caution: The course offerings and requirements of the University of Richmond are under continual examination and revision. This catalog is not a contract; it merely presents the offerings and requirements in effect at the time of publication and in no way guarantees that the offerings and requirements will not change. The University specifically reserves the right to change requirements for any major, minor and/or program, and to implement them during any particular year.

The student assumes full responsibility for compliance with all academic requirements. Current course offerings may be obtained from the appropriate department. Current major, minor, program and degree requirements may be obtained from the University Registrar; the deans' offices of the Schools of Arts and Sciences, Business, and Leadership Studies, and Richmond and Westhampton Colleges; or from the department chair of the appropriate department.

In the event the University adopts new general education and/or major, minor and program requirements, efforts will be made to accommodate hardships during the transition period.

Declaration of Majors/Minors

All undergraduate degrees at the University of Richmond require satisfactory completion of one major. Multiple majors and/or minors for a single degree also may be pursued, and upon completion will be recorded on the permanent academic record. For dual degree requirements, refer to the Dual Bachelor's Degree section. With the exception of Leadership Studies, students have the option to declare a major as early as the end of the first year. They are encouraged to declare during the second year, and are expected to declare by the end of the second year.

All declarations of majors and minors must be received in the Office of the University Registrar during the two-week add/drop period to be effective for that term. Declarations received after add/drop will not be processed until the end of the term. For procedures on how to declare majors and/or minors both in the home school and between schools, contact the Office of the University Registrar.

Undergraduate Work Taken After Graduation

Students who have graduated from an accredited college or university and who wish to take undergraduate courses in the liberal arts and sciences during the academic year, but not for degree purposes, should apply to the Office of Admission for acceptance as an unclassified student. Permission to take such classes may be granted on a space-available basis and with due regard for prior achievements. Application for such undergraduate work to be taken in the summer will be received by the summer school office. Students who are required to take undergraduate work in preparation for a University of Richmond Arts and Sciences graduate program, or who take undergraduate and graduate work simultaneously, shall register through the Graduate School of Arts and Sciences.

Additional majors or minors may be completed after graduation and recorded subject to the following: The student must have a Bachelor of Arts, Bachelor of Science, or Bachelor of Science in Business Administration degree from the University of Richmond; all work required to complete the additional major or minor subsequent to graduation must be taken at the University; the academic department concerned must certify that the major or minor is complete; and the student must complete the work within two years of graduation unless additional time is granted by the major or minor department concerned, and the department notifies the University Registrar.

Work at the University

A student must have completed at least 60 semester hours of acceptable coursework required for the degree in one or more of the undergraduate schools of the University. The last 30 hours are expected to be included within the 60 hours.

Robins School of Business

All transfer students, as part of their degree requirements, must complete at least 36 semester hours of coursework in business/economics within the Robins School of Business.

Jepson School of Leadership Studies

At least 34 of these 60 semester hours must be taken in the Jepson School of Leadership Studies.

Financial/Administrative Responsibilities

No degree is conferred if the student's responsibilities to the University are in an unsatisfactory condition. Responsibilities in this sense include financial and administrative matters such as, but not limited to, delinquent payments, parking fines or overdue library books.

Degree Application

To graduate a student must file a degree application. Degree applications are to be filed by the second Friday in September for the coming May or August commencement. Those enrolled only in the spring file by the first Friday in February. Students enrolled only in the summer culminating in their graduation file by the third Friday in June. Students planning to complete degree requirements in December should file a degree application by the end of the previous academic semester.

If degree requirements are not completed prior to the intended graduation date, the student must file a new degree application according to the schedule above.

Degree applications are available online via BannerWeb and in the Office of the University Registrar.

Students must file the degree application in the Office of the University Registrar.

Attendance At Commencement

Students are required to attend the commencement ceremony for the award of the degree in person except by decision of the University not to do so. A student who expects to have a degree awarded at the spring commencement may request absentia status from the graduation ceremony by explaining in writing the circumstance which prevents participation. Students who have a degree application on file and anticipate winter or summer completion of degree requirements are also expected to participate in the spring graduation ceremony. If a winter or summer degree candidate does not intend to participate in the ceremony a written statement requesting absentia must be submitted. The request for absentia must be received by the University Registrar no later than eight working days before the ceremony. The registrar will notify the degree candidate of the status granted by the University. Unless approved for absentia status a candidate for graduation

who does not participate in the commencement ceremony does not graduate. Such candidate may graduate by again filing a degree application and by following the appropriate graduation attendance policy.

August degrees are conferred as of the date specified in the academic calendar, and diplomas are mailed to those qualified.

Note: No degree is conferred if the student's responsibilities to the University have not been met. These responsibilities include, but are not limited to, such matters as the payment of fees, parking fines and library fines, and the return of library books.

Degree With Honors (Latin Honors)

General academic honors of three ranks are awarded to members of the graduating classes on the basis of their grade point average on work completed at the University of Richmond.

School of Arts and Sciences

Jepson School of Leadership Studies

Robins School of Business

Cum Laude	3.40 - 3.59
Magna Cum Laude	3.60 - 3.79
Summa Cum Laude	3.80 - 4.00

GRADUATE STUDY

University of Richmond students who are near completion of the undergraduate degree may study in a master's degree program in the University's Graduate School of Arts and Sciences. To qualify for this option, a student must have already passed at least 100 semester hours of coursework before beginning his or her seventh semester of study, have an overall grade point average of at least 3.30, and be admitted to the Graduate School of Arts and Sciences as a regular student by its standard procedures. Individual departments may set a higher minimum grade point average (both overall and in the major) to qualify for this option and/or restrict the courses that may be taken under it. Until students have completed requirements for the bachelor's degree, they may take no more than three courses for graduate credit and not more than two in any given semester. Although a student who is accepted to this option will be enrolled in undergraduate and graduate courses simultaneously, the undergraduate and graduate transcripts will be kept separately. Courses

taken for graduate credit will not apply to the bachelor's degree. The student will register as an undergraduate and pay the undergraduate tuition rate until the bachelor's degree is completed.

SECOND UNDERGRADUATE DEGREE

A student may earn more than one undergraduate degree either consecutively or concurrently in relation to another undergraduate degree provided the degrees are not alike, e.g., not two B.A.s or two B.S.s. For information on completing one degree with multiple majors, see *Declaring Majors/Minors* above.

The following policies apply to any student seeking a second undergraduate degree.

Consecutive Bachelor's Degree

A consecutive bachelor's degree is one which is begun after a first degree has been conferred or after the degree requirements for the first degree have been recorded as completed on the student's permanent academic record.

A student who wishes to pursue the second bachelor's degree consecutively shall apply to the dean of the school concerned. (Arts and Sciences students should contact the dean of the appropriate residential college.) The dean shall make a decision for admission based on the quality of prior work, the favorable recommendation of the intended major department, and space availability. Once admitted, the student's grade point average shall be based only on the work taken at the University of Richmond while pursuing the second degree. The student's dean may limit or deny further registration if the quality of the student's work indicates that at least a 2.00 average will not have been achieved by the time the student has attempted 30 semester hours. A student admitted for a consecutive degree shall be considered a member of the senior class for registration purposes.

To earn a consecutive bachelor's degree, a student must achieve at least a 2.00 grade point average on a minimum of 30 additional semester hours of resident academic coursework selected from the catalog of courses. Courses in which a student-opted Pass is earned shall not count in the 30 hours. In addition, general education requirements appropriate to the degree being

sought, as well as requirements for the major, must be met satisfactorily. Work taken for the preceding degree may be considered as transfer credit for the purpose of meeting these requirements; however, at least half of the major must be taken at the University of Richmond, and all other degree requirements must be met as outlined under Graduation, including the 60-hour residency requirement.

A student who completes the requirements for the consecutive degree is ineligible for Latin honors, and will not be assigned a graduating class rank.

Concurrent (Dual) Bachelor's Degrees

Dual bachelor's degrees are two different bachelor's degrees that are pursued concurrently and completed at the same time.

A student who wishes to pursue a bachelor's degree concurrently shall notify the dean of his or her school promptly after the decision is reached. (Arts and Sciences students should contact the dean of the appropriate residential college.) A student in the Robins School of Business or the Jepson School of Leadership Studies who desires a second undergraduate degree in the arts and sciences must receive the approval of the dean of the appropriate residential college as well as the sanction of the dean of their home school. Even when approved for the second degree, such student remains a member of their home school for academic, administrative and extracurricular purposes.

When two degrees are being sought concurrently, the grade point average computation and all academic policies are administered on the basis of the then-accumulated work for both degrees.

To earn a concurrent bachelor's degree, a student must complete 150 semester hours of academic work plus the additional degree requirements with at least 90 of the hours taken at the University of Richmond. In addition, the general education requirements appropriate to each degree being sought, as well as requirements for the majors, must be completed satisfactorily. At the proper time, two degree applications must be submitted simultaneously to the University Registrar. Latin honors, if earned, will be shown on both degrees.

GENERAL EDUCATION CURRICULUM

A liberal arts education is typically characterized by the development of broad intellectual and cultural interests and by the achievement of a significant body of skills and knowledge. It is the particular responsibility of a general education curriculum to address the first of these goals—the broadening of students’ interests—while also laying the foundation for the acquisition of advanced skills and deeper knowledge within optional areas of concentration, normally defined as majors.

So it is at the University of Richmond, where a distinctive general education curriculum has been designed:

- To provide a stimulating and challenging introduction to collegiate life through a First-Year Core Course
- To establish the basic prerequisites of productive scholarship through a set of communication skills requirements
- To familiarize students in a meaningful way with some of the major approaches to intellectual and cultural life through a series of fields-of-study requirements

This curriculum is offered by a faculty that sees general education as fundamental to its mission. Through its various general education courses, the faculty intends to incorporate each and every student into a community of learners who value and practice the life of the mind. Beginning with their general education courses and continuing through the courses in their major, their elective courses and their various cocurricular and extracurricular learning experiences, University of Richmond students are expected to develop their ability to think critically and independently, to learn to tolerate ambiguity where true ambiguity exists and to grow in their respect for—and their ability to deal with—the kinds of multiplicity that characterize our complex world. The common goal of the University’s faculty is the education of independent, responsible and contributing members of society.

I. FIRST-YEAR CORE COURSE (CORE)

This two-semester course explores some of the fundamental issues of human experience through close analysis of relevant texts drawn from a number of cultures, disciplines and historical periods. In this course all first-year students, together with a significant portion of the faculty, share a common syllabus, and thus engage in a common conversation. A central goal of the course is to incorporate students into a community of learners from the very start of their collegiate careers. It is also hoped that the intensive reading, focused discussions and frequent writing that typify the course will develop the fundamental skills required for subsequent coursework and life. Sometimes associated with the course are cocurricular events such as lectures and musical performances. This course is to be taken and passed by all students, without exception, in their first year of matriculation. It earns three academic credits per semester.

II. COMMUNICATION SKILLS

Ideas and experiences must be communicated if they are to be shared, scrutinized and transformed into effective knowledge. Toward these ends, the faculty expects each student to develop skills in expository writing, oral communication and a second language.

Expository Writing (COM1)

As regards expository writing, or basic composition, the faculty assumes that all entering students have a certain level of technical competence, but scholarly work at the collegiate level demands that a student’s writing be not only technically correct but also purposeful and effective. For this reason, the basic course that satisfies this requirement—English 103—is essentially a course in critical thinking, in which writing skills are developed as a tool for thought and communication. Although some students are exempted from this course on the basis of certain test scores, the majority of incoming students still satisfy this requirement

through taking and passing English 103. In addition to this course, the faculty has begun to implement a writing program that will help to enhance the expository writing skills of many University students beyond the minimum level set by this requirement.

Oral Communication

Oral communication is another skill that is essential for education and life. Students should be able to speak so that their ideas are expressed logically, lucidly and effectively, and they should be able to provide relevant evidence whenever appropriate. In addition, students should be able to analyze the spoken discourse of others. The general education curriculum at the University of Richmond assists students in these regards by immediately immersing them into frequent and intensive oral exchanges and presentations in the First-Year Core Course, and by offering relevant courses, such as Rhetoric and Communication Studies 101, through the Department of Rhetoric and Communication Studies. In addition, many faculty and departments have been increasing the oral communication components in their courses and seminars, with the goal of enhancing this fundamental skill. Their efforts are assisted by the University's Speech Center. There is no required course that students must take to fulfill this portion of their general education.

Second Language (COM2)

A second language has become more and more important as the world for which students are preparing themselves has placed increasing demands upon them to understand the national and cultural perspectives of other language groups. The knowledge of a second language is critical for achieving such understanding as well as for exposing the learner to other cultures, in ancient or contemporary guise, that he or she may encounter after graduation. For these reasons, the faculty expects all students to demonstrate functional ability in listening, speaking, reading and writing in a modern second language or in reading and writing in a classical language. These abilities are appraised either at entrance or through introductory and intermediate courses.

III. FIELDS OF STUDY

Fields-of-study courses introduce students to some of the primary fields, or sets of related disciplines, within which scholars group phenomena for study. These courses are intended to familiarize students with the kinds of questions raised by scholars within each of these groupings, and with the methods by which scholars try to answer such questions. Although fields-of-study courses are typically offered by individual departments, they have nonetheless been designed and approved with general education as their primary objective. Thus, their scope exceeds the boundaries of singular disciplines insofar as they seek to give explicit attention to the perspectives, ways of thinking and methodological approaches of larger fields of inquiry. In order to give students a broad understanding as well as a basic foundation for further study in any of these fields, the faculty requires students to pass specially designated courses in each of six fields-of-study: historical studies, literary studies, natural science, social analysis, symbolic reasoning and visual and performing arts. The minimum number of academic credits to be earned in each case is three.

Historical Studies (FSHT)

Historical studies examine events and actors of the recent or distant past within the context of the ideas, institutions, social norms, cultural practices and physical environments out of which they arose. Courses with a historical perspective enable us to understand the values and institutions of disparate societies and cultures as they have developed over time.

By emphasizing the critical analysis of sources and the interrelationships among ideas, institutions, social structures, and events within one or more interpretive frameworks, these courses foster students' awareness of the methods and perspectives for understanding past societies and cultures in historical context. Courses that focus narrowly on the history of a discipline, that only use chronology as an organizational structure, or that do not stress the context in which ideas and events occurred fall outside the category of historical studies.

Literary Studies (FSLT)

The field of literary studies concerns itself with verbal texts read as structures of meaning. While language is a practical tool for thought and communication of many sorts, the particular focus of literary studies is on linguistic creations as meaningful in themselves, and not purely as documents that record meaning outside themselves.

Courses satisfying the literary studies requirement are centrally concerned with the textual analysis of primary works. They consider a variety of interpretive frameworks and attend to one or more collateral areas of investigation, including the study of the process by which texts are created and received, the historical and cultural contexts in which they are created and received, and their relationships to each other and to other fields of experience and analysis. The field of literary studies brings its perspectives and methods to bear on imaginative and nonimaginative works alike.

Natural Science (FSNB, FSNC, FSNP)

The field of natural science is concerned with the physical universe from subatomic to cosmic levels of organization, including inanimate as well as living systems, their structure, diversity, interaction and evolution. Based upon the generation and testing of hypotheses, scientific inquiry is restricted to the study of repeatable, measurable and verifiable phenomena. Within this field, knowledge may be gained either by controlled experiment or diligent observation, depending upon the phenomena being studied. Similarly, some of the field's methodologies rely upon quantitative analysis, while others are primarily qualitative.

The natural science requirement is designed to enhance students' appreciation of the beauty of science as well as their understanding of the challenges of doing science. Students gain experience in the formulation and testing of hypotheses and are introduced to scientific methodology. The natural science requirement consists of a single laboratory course selected from the three areas of science represented at the University of Richmond, namely, chemistry, physics, and the biological sciences.

Social Analysis (FSSA)

Social analysis is the systematic study of individual and social human behavior. This field of study

involves a systematic theoretical and empirical examination of the patterns of human behavior within or across various societies and cultures.

Courses satisfying this requirement focus on human behavior. They teach students to analyze individual and group behavior by utilizing a variety of theoretical and empirical frameworks. All courses in this field of study must include the reading of or involve students in research on patterns of human behavior. Courses that employ social contextual analysis for purposes of providing a frame of reference for the study of other phenomena, such as literary texts, works of art, etc., do not fulfill this requirement.

Symbolic Reasoning (FSSR)

As a field of study, symbolic reasoning is distinguished by its attention to internal logical consistency and by its wide external applicability. This field of study emphasizes symbolic problem solving, a process that includes translating problems into terms that are amenable to treatment within a symbolic system; understanding consistent rules by which the information relevant to the problem may be processed in order to obtain a solution; recognizing important underlying principles that govern the application of these rules; and judging both the appropriateness of known solution methods to a particular problem and the quality or reasonableness of the solution obtained.

Courses in this field of study aim to develop in students the skills to obtain valid solutions using one or more symbolic systems, the ingenuity to translate new problems into appropriate terms for such systems, and the persistence to carry a solution method through to completion. The focus of a symbolic reasoning course should be on understanding the symbolic system and how it can be used to develop problem-solving tools rather than on the tools themselves. Applications of these tools, while a welcome addition, should not be the primary objective of the course.

Visual and Performing Arts (FSVP)

The field of visual and performing arts considers questions having to do with the forms, traditions, meaning and historical contexts of works in visual and performance media, and explores issues of method, process and personal resources in the media.

Courses satisfying this requirement are centrally concerned with the roles of creation and interpretation in the study of art. They develop in students an enhanced understanding of art both by fostering their intellectual appreciation of works of art and by involving them in the creative process. These courses are suffused with the notion that the arts are a powerful and profound influence on human perception and understanding.

CONCLUSION

In addition to the fundamental educational experiences represented by these requirements, the faculty recognizes that thoughtful reflection upon an even wider range of topics and issues—e.g., pertaining to gender, race, ethics, international perspectives and other matters—is an important component in the education of Richmond students. While some of these topics and issues may be addressed in one or another course in the general education curriculum, the faculty feels strongly that they are best treated—sometimes focally, sometimes incidentally—within many different courses, outside as well as inside that curriculum. By addressing them in a variety of ways, from a variety of viewpoints, and with a variety of voices across the entire curriculum, the faculty as a whole will ensure that students are aware of the many complex and serious ways in which these issues touch their lives and the lives of others.

Note: Courses meeting general education requirements are approved by the General Education Committee and denoted with the appropriate code following the course description in this catalog, as well as in the Schedule of Classes, published each semester. A course will only meet the general education requirement if approved and the corresponding code is noted on the Schedule of Classes for the semester in which the class is completed. The codes are as follows:

COM1 - Communication Skills -
Expository Writing

COM2 - Communication Skills -
Second Language

CORE - First-Year Core Course

FSHT - Field of Study: Historical Studies

FSLT - Field of Study: Literary Studies

FSNB - Field of Study: Natural Science,
Biological Sciences

FSNC - Field of Study: Natural Science,
Chemistry

FSNP - Field of Study: Natural Science, Physics

FSSA - Field of Study: Social Analysis

FSSR - Field of Study: Symbolic Reasoning

FSVP - Field of Study: Visual and Performing Arts

SUMMARY OF GENERAL EDUCATION REQUIREMENTS

Courses used to satisfy the First-Year Core Course and the communication skills requirements of the general education requirements may not be used to meet the fields-of-study requirements for the degree. The First-Year Core Course must be taken in the first year of matriculation. The Communication Skills I requirement normally is met in the first year of university study and should not be postponed beyond the second year.

A. First-Year Core Course

A student may satisfy this requirement by passing CORE 101-102.

B. Communication Skills I - English 103

A student may satisfy this requirement by meeting one of the following alternatives:

- (1) Completing English 103 with a grade of C (2.0) or higher.
- (2) Presenting a score of 4 or 5 on the Advanced Placement exam in English (carries 3 hours of credit).
- (3) Presenting a score of 5, 6 or 7 on the IB Higher Level English A exam (carries 3 hours of credit).
- (4) Presenting an acceptable score on the SAT Writing test (taken pre-enrollment) (carries no credit).
- (5) Presenting an acceptable ACT composite score (carries no credit).

Only alternatives 1, 2 and 3 carry semester hours credit toward a degree.

C. Communication Skills II - Second Language

A student may satisfy this requirement in a modern or classical language by meeting one of the following alternatives:

- (1) Passing the intermediate (221 or 202) level of one language (credit varies from 3-6 hours depending on the intensity of the courses).

- (2) Presenting a score of 3, 4 or 5 on a modern language Advanced Placement exam (student would receive an exemption, but no credit, for a score of 3; the credit varies for a score of 4 or 5); presenting a score of 4 or 5 on the Latin Advanced Placement exam (carries 3 hours of credit).
- (3) Presenting a score of 5, 6 or 7 on an IB Higher-Level exam in a modern language (credit varies).
- (4) Presenting an acceptable score on the SAT-II Subject Test (taken pre-enrollment) - Language (carries no credit).
- (5) Achieving an acceptable score on a departmental placement exam (carries no credit).
- (6) For non-native English speakers, obtaining an acceptable score on the TOEFL (carries no credit).

D. Fields of Study

A student may satisfy the fields-of-study requirements by passing one approved course in each of the areas of historical studies, literary studies, social analysis, symbolic reasoning, visual and performing arts, and the natural sciences. Such courses must have been approved by the General Education Committee and the faculties of the schools of Arts and Sciences, Business and Leadership Studies as meeting these requirements.

Courses meeting general education requirements are designated in this catalog following the course description, as well as in the list of classes on the Web site. All courses used to meet general education requirements must be passed with a grade of D- (.7) or higher, with the exception of English 103, which requires a C (2.0) or higher. No general education courses may be taken Pass/Fail.

SUMMARY OF DEGREE REQUIREMENTS

I. GENERAL EDUCATION REQUIREMENTS

	Type of Requirement	Credits
First-Year Core Course	Core Course (CORE 101 & CORE 102)	6 credits
Communication Skills	Expository writing (COM1)	3 credits (a)
	Second language (COM2)	up to 16 credits (a)
	Oral communication	noncredit (b)
Fields of Study	Historical studies (FSHT)	3-4 credits
	Literary studies (FSLT)	3-4 credits
	Natural science (FSNB/FSNC/FSNP)	4 credits
	Social analysis (FSSA)	3-4 credits
	Symbolic reasoning (FSSR)	3-4 credits
	Visual and performing arts (FSVP)	3-4 credits
		Total: up to 49 credits
<p>a. May be satisfied by a demonstration of proficiency upon entrance to the University without carrying credit (language courses carry variable credit).</p> <p>b. Described in preceding text.</p>		

II. WELLNESS REQUIREMENT

In keeping with the University's objective of fostering knowledge and personal wellness, every undergraduate at the University of Richmond is required to complete a three-part series on wellness. The wellness series covers 1) an alcohol awareness program called URAWARE and 2) a choice of two mini-workshops on health and wellness-related topics such as nutrition, sexual health and fitness, called the Plus2 program. The URAWARE component, Wellness 085, is to be taken and satisfactorily completed in the first semester of matriculation. The Plus2 component, Wellness 090, is strongly urged to be taken and satisfactorily completed before or during the third year.

URAWARE (WELL 085)	noncredit
Plus2 (WELL 090, two topics of choice)	noncredit

III. LIBRARY AND INFORMATION SKILLS

Students must complete two library and information skills workshops, Library 100 and 101, during their first year. They are hands-on workshops: Library 100 emphasizes the use of the libraries' Web page, the library catalog and Expanded Academic Index database; Library 101 focuses on locating periodicals, citing sources correctly and the Lexis/Nexis database.

LIB 100	noncredit
LIB 101	noncredit

IV. COMPLETION OF A MAJOR

All undergraduate degrees at the University of Richmond require satisfactory completion of one major. Multiple majors and/or minors also may be pursued, and upon completion will be recorded on the permanent academic record.

The major is a field of academic study chosen as an area of specialization. A major may be in a subject area and will include courses in that subject area along with courses prerequisite to those required courses and also may include designated courses outside the subject area. Interdisciplinary programs will include courses from a number of different subject areas. Majors require between 30 and 54 total hours, counting all courses both inside and outside the subject area, including all prerequisites for those courses. (See the section for each school for specific major or minor requirements.)

Major Requirements	30–54 credits
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V. CURRICULUM AND ACHIEVEMENT

Undergraduate degree candidates must earn a grade point average of not less than 2.00 on all coursework attempted.

Candidates for the Bachelor of Arts, Bachelor of Science, or Bachelor of Science in Business Administration must complete 120 credit hours.

VI. ADDITIONAL DEGREE REQUIREMENTS

- Sixty-hour residency requirement
- Application for degree and attendance at Commencement
- Completion of financial and administrative obligations

ACADEMIC PROGRAMS

SCHOOL OF ARTS AND SCIENCES

The School of Arts and Sciences offers a majority of the courses taken by undergraduate students at the University. Even students who major in Business or Leadership Studies take up to two-thirds of their courses — elective as well as general education courses — in the School of Arts and Sciences. The school provides a broad range of majors and offers numerous opportunities for interdisciplinary study. Such study takes many forms, from self-designed programs, to interdisciplinary concentrations within traditional fields, to fully developed interdisciplinary majors. Graduates today live in a world in which the ability to integrate knowledge and skills from a variety of disciplines is increasingly important. The School of Arts and Sciences fully recognizes this fact and is constantly working to create opportunities for students to integrate and apply what they are learning.

Engagement in active and interactive learning is the hallmark of education in the School of Arts and Sciences. Students are involved in guided independent study projects, collaborative research with faculty and other students, internships and other service-learning experiences, as well as artistic and creative projects. Active engagement enables students to assume increasing responsibility for their own learning and development, and prepares them for life-long growth and adaptation to change.

The faculty of the school are committed, first and foremost, to teaching and learning, and to the overall education and development of their students. Faculty take the advising and mentoring of students very seriously and meet frequently with their students and advisees to discuss course-related projects as well as career plans and long-term goals.

The school's faculty are also productive scholars and artists who introduce students to the excitement of research and creative activity. As distinguished scholars, scientists, artists and practitioners, they are able to teach by example as well as by precept.

By graduation, Arts and Sciences students are well prepared for further study in graduate or professional schools and for employment in a variety of fields, including healthcare, government, business, law and nonprofit work. The knowledge and skills fostered by a liberal arts education serve students well in the world of work, as well as in their personal lives. In addition, an education in the School of Arts and Sciences prepares

students to become well-informed and thoughtful citizens, to be able to contribute to the lives of others and to help advance the society of which they are a part.

CURRICULUM REQUIREMENTS

The School of Arts and Sciences offers the Bachelor of Arts and the Bachelor of Science degrees.

In addition to the degree requirements previously stated under Graduation, a candidate must satisfy major requirements outlined in the following pages.

Course limitations — Of the following, no more than the stated semester hours can count toward any degree in a given school:

- 12 semester hours — Internship courses of whatever kind, excluding student teaching and Theatre 330-341 Practicum
- 6 semester hours — Internship 388 taken in the same academic department

Courses taken through the School of Continuing Studies after students have been admitted may not be used to meet general education requirements and may be used to meet major requirements only with special permission from the appropriate department chair.

See also the previous section titled Repeated Courses.

BACHELOR OF ARTS

I. Degree Requirements

To qualify for a Bachelor of Arts degree, students must complete the degree requirements listed previously, including general education requirements, wellness, library and information skills workshops, curriculum and achievement and residency requirements along with completion of the requirements for at least one major.

II. Requirements for the Major

The major is a field of academic study chosen as an area of specialization. A major will include courses in a subject area*, such other courses outside the subject area as may be designated, and any courses prerequisite to those required courses. Unless a special waiver of the Academic Council has been granted to a department or program and endorsed by the arts and sciences faculty, a major will require 30 to 36 hours in a single subject area, including all prerequisites within the subject area. In addition, a major will require no more than 54 total hours, counting all courses both inside and outside the subject area, including all prerequisites for those courses.

Majors in interdisciplinary programs will require a minimum of 30 hours and no more than 54 total hours, including all prerequisites.

In no case may a student count more than 60 hours from a single subject area toward the minimum number of hours necessary for graduation.

English 103, basic modern second language courses through the intermediate level, and the wellness and library and information skills requirements and will not be counted toward the major. Classical languages are exempt from this exclusion.

A student may concurrently fulfill the requirements of more than one major. To initiate more than one major, the student should declare the majors in the manner currently provided. Upon graduation, only one degree will be conferred**, but each completed major will be recorded on the student's permanent academic record, provided the student has listed the major on the degree application and is certified to have completed all of the requirements specified for the given major.

If a student's major(s) and other coursework can be arranged to meet the requirements for either the Bachelor of Arts degree or the Bachelor of Science degree, no more than one degree has been earned; however, the student must specify which degree is desired. Any major associated with a degree not chosen shall be recorded according to the provisions previously stated.

Specific major requirements may be found under the appropriate academic department listing in the Curricula section. In that section, the requirements are presumed to be for the Bachelor of Arts degree unless otherwise stated. For a description of the minor option, see that heading in the Program Opportunities section of this chapter.

** Subject area refers to coursework listed under a single specified rubric.*

*** Students interested in earning more than one undergraduate degree should refer to the Second Undergraduate Degree section.*

BACHELOR OF SCIENCE

I. Degree Requirements

The requirements are the same as for the B.A. except proficiency in calculus also must be demonstrated by passing Mathematics 212 or 232 (cannot be taken Pass/Fail) or completing the Advanced Placement Test with an acceptable score.

II. Requirements for the Major

The provisions listed under the B.A. apply. The B.S. is offered only in biochemistry, biology, chemistry, computer science, environmental studies, interdisciplinary studies, mathematics, mathematical

economics, physics, interdisciplinary physics and psychology. For differences in the major requirements for the degrees, consult the appropriate departmental description under Curricula.

A major will include courses in a subject area, such other courses outside the subject area as may be designated, and any courses prerequisite to those required courses. (See note under Bachelor of Arts for definition of subject area.) Unless a special waiver by the Academic Council has been granted to a department or program, and endorsed by the faculty, a major will require 30 to 42 hours in a single subject area, including all prerequisites within the subject area. In addition, a major will require no more than 64 total hours, counting all courses both inside and outside the subject area, including all prerequisites for those courses and Calculus II. The interdisciplinary studies program will require a minimum of 30 hours and no more than 64 total hours, including all prerequisites.

In no case may a student count more than 60 hours from a single subject area toward the minimum number of hours necessary for graduation.

DEGREE CREDIT FOR PROFESSIONAL STUDIES

Professional studies in medicine, dentistry or law may be substituted for the fourth year of academic work under the following conditions:

- At the end of the second year, the student must have completed at least 60 semester hours of academic work with at least a 3.0 GPA.
- Before registering for the third year in the School of Arts and Sciences, the student's course of study must be approved by the dean of the student's school (dean of Richmond College for men, and dean of Westhampton College for women).
- At the end of the third year, the student must have completed at least 100 semester hours of academic work with at least a 3.0 GPA.
- During the first year in a professional school, the student must make satisfactory progress toward achieving the professional degree as certified by the professional school.

Under the above conditions, the student's professional work may be offered in lieu of certain degree requirements. A candidate for a B.A. may offer, for example, the first year's work in an accredited law school in lieu of 18 semester hours of related subjects in the major and six semester hours of elective subjects. A candidate for a B.S. may substitute the first year's work in an accredited medical or dental school for a maximum of eight semester hours in the major and the remaining work for elective courses.

Dual-Degree Engineering Programs

In cooperation with selected engineering schools, the University offers the opportunity for students interested in engineering careers to earn two bachelor's degrees in five years — one from the University of Richmond and another from a cooperating engineering school. In the 3-2 Engineering Program a student spends three years at Richmond, completing all of the general education requirements, almost all of the requirements for a major in physics, plus selected other courses. The student spends the remaining two years at the engineering school. The School of Engineering and Applied Science at George Washington University is a participant. The University of Richmond's Physics Department's pre-engineering advisor can provide information about participating programs and requirements.

SPECIAL PROGRAM OPPORTUNITIES

Creative Writing Program

Designed for students who would like to combine the creative and scholarly aspects of literature, this program includes course offerings in creative writing and related disciplines (see listings in English under Curricula), presentations by eminent writers, workshop privileges and publication outlets. The program assists students to become writers of poetry, fiction or drama, or to continue their studies on the graduate level. Further information is available from the Department of English.

Honors Program

Outstanding students with intellectual initiative and the desire to pursue academic achievement beyond standard coursework have the opportunity to broaden and deepen knowledge in selected major fields through the Honors Program. Departmental honors coordinators invite promising qualified majors to apply, but an interested student may contact his or her major department or the faculty committee on the Honors Program to indicate interest and obtain further information. To qualify, a student should have at least a 3.30 cumulative grade point average, 65 or more semester hours completed and, excluding coursework primarily for first-year students, 12 or more semester hours completed with distinction in the major field. Successful completion of an Honors Program is shown on the student's permanent academic record and on the diploma.

Language Across the Curriculum (LAC)

The Language Across the Curriculum program allows students to use their language skills and other cultural perspectives to enhance learning and research in all disciplines. Certain courses in the School of Arts and Sciences, Jepson School of Leadership Studies and the Robins School of Business are offered in conjunction with a Language Across the Curriculum component,

an optional fourth hour of work in a second language associated with a regular class. The LAC component is worth one credit and is graded as Pass/Fail. To find a LAC section, look for courses marked "LAC credit available" or go directly to each semester's listings under Language Across the Curriculum. The following departments recently have offered courses with LAC sections: English, History, Leadership Studies, Modern Literatures and Cultures, Music and Philosophy. More LAC sections are being developed in other departments. For further information, contact LAC Program Coordinator Bob Graboyes (Economics).

INTERDISCIPLINARY PROGRAMS

Self-Designed Interdisciplinary Studies Major

Under the general supervision of two faculty advisors and the coordinator of interdisciplinary studies, a self-designed interdisciplinary major is offered. The interdisciplinary major provides a student the opportunity to propose and pursue, with faculty supervision, a unique program of study leading to either a Bachelor of Arts or a Bachelor of Science degree with a major in interdisciplinary studies. A senior thesis, which is the culmination of the major and for which the student receives three credit hours, is required.

Applications and further information are available from the coordinator of interdisciplinary studies. Applications are to be submitted to the coordinator of interdisciplinary studies by April 1 of the second year. At least a 3.00 cumulative grade point average is recommended.

Interdisciplinary Majors

In addition to the self-designed interdisciplinary major, the School of Arts and Sciences offers support for interdisciplinary study through a number of interdisciplinary programs that offer majors within the Bachelor of Arts degree. They are American Studies; Classical Civilization; Cognitive Science; Criminal Justice; Environmental Studies; International Studies; Interdisciplinary Physics; Urban Practice and Policy; and Women, Gender and Sexuality Studies. Environmental Studies and Interdisciplinary Physics offer a Bachelor of Science major option. Further information is available from the program coordinators listed under each program.

International Studies Major

International studies is a cross-cultural, interdisciplinary major composed of six areas of concentration, of which the student selects one. The concentrations are Africa, Asia, International Economics, Latin America, Modern Europe, and World Politics and Diplomacy. Further information is available from the program coordinator.

Interdisciplinary Concentrations

The School of Arts and Sciences offers a series of curricular configurations known as interdisciplinary concentrations within disciplinary majors or minors. Instead of constituting stand-alone majors or minors, these concentrations are tied closely to selected majors, thus fostering an integrated learning experience that offers depth in a traditional discipline combined with breadth in interdisciplinary study. Current interdisciplinary concentrations include Fine Arts Management (for Art History, Studio Art, Dance, Music and Theatre majors or minors); Arts Technology (for Studio Art, Music or Theatre majors); Comparative Literature (for English majors); Medieval and Renaissance Studies (for Art History or English majors); and Neuroscience (for Biology or Psychology majors). An interdisciplinary concentration within a disciplinary major toward a B.A. will require no more than 72 total hours, counting all courses and including all prerequisites for those courses. An interdisciplinary concentration within a disciplinary major toward a B.S. degree will require no more than 75 total hours, counting all courses and including all prerequisites for those courses and Calculus II. For specific descriptions and requirements, refer to the Interdisciplinary Concentrations section.

Internship Program

Internships provide students with supervised opportunities to understand by direct experience how skills and theories learned in the classroom are applied in business, industry, community agencies and government. Each internship must include an academic base, such as an appropriate reading list or other resources, which demonstrates or stresses the interrelatedness of the academic background with the selected workplace.

Internships usually are limited to junior or senior students who must have the prior approval of the department concerned. No more than 12 semester hours of internship courses of any kind nor more than six semester hours of Internship 388 taken in the same department may be counted toward a School of Arts and Sciences degree. Student teaching and Theatre Arts 330-341, Practicum, are not included in this policy.

Further information is available from the chair or coordinator of the appropriate department or program.

Visiting Away Programs

Students who wish to study away from the University of Richmond for a semester or year and maintain active status must participate in a program that has been approved for visiting away status. Students leaving the University on any program that does not carry visiting away status must withdraw from the University and apply to the appropriate dean for readmission.

Visiting away programs are approved by the academic council of the appropriate school and the Office of the University Registrar, which maintains a list of approved visiting away programs. This list is subject to change and will be reviewed on a periodic basis. (A program that is approved for one student will not necessarily be approved for another student since the decision is based not only on the academic reputation of the program, but also on the relevancy of the program to the student's individual academic program.)

Students wishing to participate in an approved domestic program must submit a copy of their letter of acceptance to the program, a completed Transfer Approval Form and a completed Visiting Away Approval Application Form to the Registrar's Office. Upon receipt of these documents, the student will be enrolled in an off-campus (OF) enrollment status. For study abroad programs, a subcommittee of the International Education Committee will review student petitions. If a student's petition is approved, the Office of International Education will notify the Registrar's Office to enroll the student in an abroad (AB) enrollment status. (Students seeking "AB" status should consult the Office of International Education for complete instructions.)

Enrollment in "OF" or "AB" status entitles the student to remain as an active Richmond student, which entitles him or her to benefits of priority registration, housing, certain types of financial aid (e.g., loans and Pell Grants), library access, mailbox and e-mail account. Students with "OF" or "AB" status will not be billed for tuition as Richmond students during the semester(s) away.

Credits from visiting away programs will be treated as transfer credits, requiring transfer approval and affecting hours toward graduation. The credits are not calculated in the GPA and require a C or better to transfer. Credits are applied to the student's record only upon receipt of an official transcript from the sponsoring institution. Exceptions to this would be programs in which the decision is made to partner with the sponsoring institution, in which case the courses would be listed as Richmond courses on the transcript and the grades treated as having been earned at Richmond. Approval for such programs would be submitted through the same channels as outlined above.

Marine Studies

The University of Richmond Department of Biology and the Duke University Marine Laboratory (DUML) offer a program supplement in marine science. Instruction is given by DUML and may be accepted as transfer credit in the student's University of Richmond program. Further information about the program can be obtained from the University of Richmond Department of Biology.

Master's Degree, Early Beginning

University of Richmond students who are near completion of the undergraduate degree may begin study in a master's degree program in the University's Graduate School of Arts and Sciences. Please see Academic Procedures section for further details.

Minor Option

A minor is a secondary academic specialization that may be sought in addition to the required academic major. A minor consists of at least 15 semester hours and may include certain other requirements as specified by the academic department concerned. A student may elect to complete more than one minor in the degree program. The minor is declared in the same manner as the major. Upon graduation, each completed minor will be recorded on the student's permanent academic record, provided the minor is listed on the degree application form and the requirements have been met. Many academic departments offer a minor. The requirements in the minor, for the departments in which the minor is available, are presented under the appropriate departmental listing in the Curricula section.

Research Grants for Undergraduates

Each year the School of Arts and Sciences offers its students unusual opportunities for research projects. Grants are awarded by the Undergraduate Research Committee to support research projects in a variety of ways such as the purchase of materials and equipment, travel or other such expenses and presenting or publishing the results of the research. The grant may be awarded for a project which is the student's own idea or an idea that has been conceived in cooperation with a faculty member; in any case, there must be a faculty member who is willing to supervise the project. Generally, the project is approved for academic credit, and often the student and the faculty member will coauthor one or more professional papers on the work. Application forms and further information are available from the associate dean of the School of Arts and Sciences, whose office is in the administrative wing of Boatwright Library, or through the departmental chair of the department in which the project is to be supervised.

SCHOOL OF ARTS AND SCIENCES: CURRICULA

This chapter presents departmental majors and minors, and the courses, with their descriptions, offered by each department. In a course description, where the course numbers for a two-semester course are separated by a hyphen, either half of the course may be taken independently for credit, and in any order, unless a prerequisite is stated. Note: Undergraduate courses at the University of Richmond long were numbered in the range 0-399, with 300 level being the most advanced. Beginning with the 1990 fall term, undergraduate course numbers may extend through the 400 level; however, not all departments have renumbered their courses. Therefore, it should not necessarily be concluded that a department with 400-level courses has more advanced offerings than a department having only 300-level courses as its highest.

Individual Internship

Any academic department may offer an individual internship under the following general description: 388 Individual Internship. Application of academic skills and theories in a selected work environment, plus related academic work supervised by a member of the faculty. Pass/fail grading may be designated by a department for any or all enrollments. May be repeated; however, no more than six semester hours in the same department may be counted toward the total number of hours required for a degree. Prerequisite: Permission of department concerned. 1-6 sem. hrs. Note: No more than 12 semester hours of internship of any kind may count toward the total number of hours required for a degree. Student Teaching and Theatre Arts Practica are not included in this policy.

AMERICAN STUDIES

Coordinator: Kathy Hoke, Arts and Sciences Dean's Office

Affiliated Faculty:

Betram Ashe, English
Abigail Cheever, English
Margaret Denton, Art and Art History
Jennifer Erkulwater, Political Science
Woody Holton, History
Amy Howard, Center for Civic Engagement
Suzanne Jones, English
Robert Kenzer, History
David Leary, University Professor
Peter Lurie, English
Kibibi Mack-Shelton, History
Gary McDowell, Leadership
John Pagan, Law School
Ilka Saal, English
Gary Shapiro, Philosophy
Douglas Winiarski, Religion
Thomas Wren, Leadership

The core premise of American Studies is quite simple: no discipline or perspective can satisfactorily encompass the diversity and variation that have marked American society and culture from the very beginning. Therefore, the American Studies major is constructed as an interdisciplinary program that invites students to combine courses from a variety of academic fields in order to create their own, unique study of America. Some may favor sociological, historical or political interpretations; others may be drawn to literary or visual modes of interpretation. However individual majors fashion their courses of study, each major will have an opportunity to engage a range of topics and faculty members in a discussion of what is entailed in the study of American society and culture.

American Studies Major

Note: The grade point average of the coursework comprising the major must be no less than 2.00 with no course grade below C- (1.70).

The major requires nine courses for a total of 32-36 semester hours selected from the courses below and distributed as follows:

- AMST 201, Introduction to American Studies, 4 hours
- One American Identities course at the 300 level*, 3-4 hours
- One Culture and Representation course at the 300 level*, 3-4 hours
- One Politics and Beliefs course at the 300 level*, 3-4 hours
- Four additional electives chosen from list below; must come from at least two departments, 12-16 hours
- AMST 400, Seminar in American Studies OR AMST 401, Thesis, 4 hours

**History courses taken at the 200-level may count as 300-level courses.*

American Studies majors also may choose to pursue a concentration in Ethnic Studies. Students choosing this option would be required to take 5 courses focusing on the questions of ethnicity. All of these courses need not study the same ethnic group (i.e. African-American, Native American, Latino/Latina, etc.).

Area A: American Identities

English

- ENGL 334 American Indian Literatures
 ENGL 355 Race and Ethnicity in American Literature
 ENGL 358 African-American Women Writers

History

- HIST 202 American Women from the Colonial Period to the Present

- HIST 209 African American History to 1865
 HIST 210 African American History Since 1865
 HIST 300 Early American Women

Religion

- RELG 357 Early American Religion
 RELG 359 American Judaism

Sociology

- SOC 316 Race and Ethnicity in America
 SOC 330 Work and Society
 SOC 332 Selected Topics in Ethnic Studies

Women, Gender, and Sexuality Studies

- WGSS 303 Women in Television: Representations, Images and Stereotypes

Area B: Culture and Representation

Art

- ART 322 Museum Studies

English

- ENGL 321 Early American Literature
 ENGL 322 Literature of the American Revolution
 ENGL 325 Age of the American Renaissance
 ENGL 326 From Revolution to Romanticism: American Fiction through 1860
 ENGL 330 Special Topics in American Literature before 1860
 ENGL 332 Literatures of the Caribbean
 ENGL 334 American Indian Literatures
 ENGL 353 American Realism and Regionalism
 ENGL 354 Literature of the American South
 ENGL 355 Race and Ethnicity in American Literature
 ENGL 356 Twentieth-Century American Poetry
 ENGL 357 From Modernism to Postmodernism: Twentieth-Century American Fiction
 ENGL 358 African-American Women Writers
 ENGL 359 Contemporary American Literature
 ENGL 360 Studies in the American Novel
 ENGL 369 American Culture/American Film

History

- HIST 213 African American Cultural History
 HIST 214 US and the World 1877-1945
 HIST 301 The Civil War in Literature and Film
 HIST 303 Psychology in US Society and Culture

Women, Gender, and Sexuality Studies

- WGSS 303 Women in Television: Representations, Images and Stereotypes

Area C: Politics and Beliefs

History

- HIST 200 Colonial America
 HIST 201 The American Revolution
 HIST 204 The Civil War and Reconstruction
 HIST 212 The Civil Rights Movement

Journalism

- JOUR 302 Public Affairs Reporting
 JOUR 303 Journalism Law, Ethics

Political Science

- PLSC 304 Virginia Government and Politics
 PLSC 315 American Political Theory
 PLSC 322 Public Opinion and Public Policy
 PLSC 325 Racial Politics
 PLSC 326 Legislative Process
 PLSC 327 The American Presidency
 PLSC 328 American National Government
 PLSC 329 Campaigns and Elections
 PLSC 331 Constitutional Law
 PLSC 333 Civil Rights/Liberties
 PLSC 336 American Constitutional History
 PLSC 337 The American Legal System
 PLSC 350 American Foreign Policy

Religion

- RELG 357 Early American Religion
 RELG 358 Selected Topics in American
 Religious Traditions
 RELG 359 American Judaism
 RELG 369 Problems in Social Ethics

Sociology

- SOC 216 Social Inequalities
 SOC 303 Sociology of Families
 SOC 309 Social Problems
 SOC 310 Crime and Justice in a
 Post-Modern Society
 SOC 311 Juvenile Delinquency
 SOC 320 Sociology of Religion
 SOC 324 Law and Society
 SOC 329 Education and Society

COURSES**AMST 201 Introduction to American Studies**

Surveys multidisciplinary nature of American Studies by focusing on methodologies, sources, themes and major ideas used when examining American culture. *4 sem. hrs.*

AMST 304 Early American Women

Fulfills American Identities seminar requirement. (See History 300) *4 sem. hrs.*

AMST 315 Civil War in Film and Literature

Fulfills Culture and Representation seminar requirement. (See History 301) *4 sem. hrs.*

AMST 321 American Immigration and Ethnicity

Examination, through historical and literary materials, of challenges confronting and posed by waves of immigrants who shaped American civilization. *Prerequisite:* American Studies 201, or at least junior status, or permission of instructor. *3 sem. hrs.*

AMST 323 Psychology in American Society and Culture

Fulfills Culture and Representation seminar requirement. (See Psychology 437; same as History 303) *4 sem. hrs.*

AMST 325 Narratives of the Discovery and Conquest of the New World

Almost from the moment European explorers encountered it, the new world sparked the imagination of its discoverers and spawned a large literature. That literature was as varied as the land it described: from travel narratives and histories to novels, plays and poems. Studies how early travelers depicted the new world and its inhabitants and how the discovery challenged and reshaped Europeans' notions of themselves and the world. Fulfills Culture and Representation seminar requirement. *Prerequisite:* American Studies 201 or permission of instructor. *4 sem. hrs.*

AMST 373 Witchcraft and Its Interpreters

Fulfills American Identities and Politics and Beliefs seminar requirement. (See Religion 373) *3 sem. hrs.*

AMST 375 Cults, Communes, & Utopias in Early America

Fulfills Politics and Beliefs seminar requirement. (See Religion 375) *3 sem. hrs.*

AMST 381 Community Problem Solving Seminar

Combines internship with reading and discussion about community problems from multidisciplinary perspectives. Area of study will vary according to topic of the course. *Prerequisite:* American Studies 201 or junior or senior status. *3 sem. hrs.*

AMST 398 Selected Topics

Varying multidisciplinary topics related to American Studies. Area of study will vary according to topic of the course. *1-4 sem. hrs.*

AMST 400 Seminar in American Studies

Designed primarily as capstone experience for American Studies majors, seminar will focus on topic in American culture that can be approached through several disciplines. *Prerequisites:* American Studies 201, junior or senior status, and at least two American Studies seminars. *4 sem. hrs.*

AMST 401 Thesis

Thesis project involving primary sources designed, researched and written by student under faculty supervision. *Prerequisites:* American Studies 201, junior or senior status, and an approved prospectus with bibliography. *4 sem. hrs.*

ANTHROPOLOGY

Department of Sociology and Anthropology

Joan Neff, Chair

Associate Professors Neff, Nourse, Obi, Wharton

Assistant Professors Hass, Ransom

Professionals from the field also are employed as adjunct faculty. Upper-level courses are taught on a rotating basis.

The major in anthropology stresses cultural anthropology, the study of contemporary and historically recent human societies around the world. Specifically, cultural anthropology focuses on the ways in which various individuals and groups (societies) construct their ideas (culture) about the world and the ways in which these ideas influence how various people behave. Courses in anthropology compare diverse cultures to determine if there are any principles that operate universally. Some courses in cultural anthropology study particular regions of the world and the way in which locals construct their realities and find meaning in their lives. Other courses in cultural anthropology select various dimensions of human life - economics, family life, religion, politics, art, etc., and examine how one of these subjects relates to all the other dimensions in one particular culture or across cultures in general.

The Anthropology Major

Note: The grade point average of the anthropology coursework comprising the major must be no less than 2.00 with no course grade below C- (1.7).

Requirements:

11 courses, including

- ANTH 101 Introduction to Cultural Anthropology
- ANTH 211 Fundamentals of Field Research Methods and Data Analysis
- ANTH 221 Theories of Culture
- ANTH 400 Senior Thesis Proposal
- ANTH 401 Capstone Seminar
- At least two regional courses from List A
- At least two topical courses from List B
- Two electives from either List A or List B

Participation in an approved study abroad experience of at least six weeks in duration.

Notes:

- ANTH 101 is a prerequisite for all other courses in Anthropology.
- Students must achieve a grade of C or better in both ANTH 211 and ANTH 221 in order to take 400-level courses in the department and to receive credit toward the major for courses taken outside the department.
- One regional **or** one topical course may be taken in a department outside of Sociology and Anthropology with departmental approval.

- Two regional and/or topical courses may be taken at study abroad institutions with departmental approval.
- No more than 3 study abroad courses may count towards the major requirements.

The Anthropology Minor

Note: The grade point average of the anthropology coursework comprising the minor must be no less than 2.00 with no course grade below C- (1.7).

Requirements:

- ANTH 101
- 4 additional courses in anthropology

List A: Regional Courses

The Americas

ANTH 307 Introduction to Native Peoples of the Americas

ANTH 308 Cultures and Peoples of Latin America

Africa

ANTH 338 Peoples of Africa

SOC 230 Introduction to Study of Africa

Asia

ANTH 339 Peoples of the Pacific

ANTH 340 Peoples of Southeast Asia

Middle East

ANTH 379 Sex and Gender in the Middle East

ANTH 379 Cultures and Peoples of the Middle East

List B: General Anthropology Courses

ANTH 300 Sex and Gender in Cross-Cultural Perspectives

ANTH 304 Ritual, Witchcraft and Divination

ANTH 336 Big Men, Chiefs and Presidents: Political Anthropology

ANTH 379 Selected Topics

ANTH 388 Individual Internship

ANTH 426-427 Directed Independent Study

ANTH 489 Research Practicum

COURSES

ANTH 101 Introduction to Cultural Anthropology

Evolution of culture from hunting/gathering bands to modern industrial states. Cross-cultural perspective on social structure, religion, economy and politics. 4 sem. hrs. (FSSA)

ANTH 211 Fundamentals of Field Research and Data Analysis

Introduction to the methods of constructing and analyzing ethnographic materials using qualitative and quantitative methodologies. Prerequisite: Anthropology 101 4 sem. hrs.

ANTH 221 Theories of Culture

History of cultural and social anthropological thought, major theoretical perspectives and contemporary issues as to how humans construct their social worlds. *Prerequisite:* Anthropology 101. 4 sem. hrs.

ANTH 300 Gender in Cross-Cultural Perspectives

Cross-cultural analysis of masculinity and femininity. Diversity and variation. *Prerequisite:* Anthropology 101. 3 sem. hrs.

ANTH 301 Dependency and Development: An Introduction to the Third World

(See International Studies 301.)
Prerequisite: Anthropology 101. 3 sem. hrs.

ANTH 304 Ritual, Witchcraft & Divination

Role of religion in tribal, peasant and industrial cultures, including myth, ritual, symbolism and relation of religion to social structure. *Prerequisite:* Anthropology 101. 3 sem. hrs.

ANTH 307 Introduction to Native Peoples of the Americas

Historical development, culture, relations with U.S. government, and present issues of Native Americans north of the Rio Grande. *Prerequisite:* Anthropology 101. 4 sem. hrs.

ANTH 308 Cultures and Peoples of Latin America

Anthropological overview of Latin American cultures and subcultures, including close studies of particular pre-Columbian civilizations, contemporary tribal peoples, peasants and urbanites. *Prerequisite:* Anthropology 101. 4 sem. hrs.

ANTH 310 Tribe, Nation, World: The Anthropology of Globalization.

(See International Studies 310.)
Prerequisite: Anthropology 101. 3 sem. hrs.

ANTH 336 Big Men, Chiefs and Presidents: The Anthropology of Politics

Power, authority and conflict in cross-cultural perspective, especially in preindustrial societies. Development of theory in political anthropology; types of political systems; evolution of political systems; contemporary theory. *Prerequisite:* Anthropology 101. 3 sem. hrs.

ANTH 338 Peoples of Africa

Anthropological approach to history, economics, kinship, religion and gender in various African areas. *Prerequisite:* Anthropology 101. 3 sem. hrs.

ANTH 339 Peoples of the Pacific

Melanesian, Polynesian, Micronesian. Anthropological approach to history, economy, kinship, religion and gender relationships. *Prerequisite:* Anthropology 101. 3 sem. hrs.

ANTH 340 Peoples of Southeast Asia

Broadly covers cultural diversity and continuities of mainland and island Southeast Asia. Religion, gender colonialism and economics will be discussed in general terms. *Prerequisite:* Anthropology 101. 3 sem. hrs.

ANTH 379 Selected Topics

Various topics in the field of anthropology, such as sex and gender in the Middle East. May be repeated for credit if topics differ. *Prerequisite:* Anthropology 101. 1-4 sem. hrs.

ANTH 388 Individual Internship

Supervised independent field work. *Prerequisites:* Anthropology 101 and permission of instructor. 3 sem. hrs.

ANTH 400 Senior Thesis Proposal Seminar

Preparation course for senior thesis in which students conduct research, write annotated bibliography, write proposal and submit proposal to Institutional Review Board for the senior capstone thesis in the spring. *Prerequisites:* Anthropology 211 and Anthropology 221 with a grade of C or better and permission of instructor. 1 sem. hr.

ANTH 401 Capstone Seminar

Preparation of senior thesis to complete anthropology major. *Prerequisite:* Anthropology 400. 4 sem. hrs.

ANTH 426-427 Directed Independent Study

Prerequisites: Anthropology 211 and Anthropology 221 with a grade of C or better. 1-3 sem. hrs.

ANTH 489 Research Practicum

Work closely with professor on research project, including design, data collection, data analysis and dissemination of results. *Prerequisites:* Anthropology 211 and Anthropology 221 with a grade of C or better. 1-4 sem. hrs.

ARABIC**Department of Modern Literatures and Cultures**

Martin Sulzer-Reichel, Director of Arabic Language Program

This section contains information specific to the program in Arabic. For full information regarding departmental policies relevant to all MLC programs, study abroad and course sequencing, see the main page of the Department of Modern Literatures and Cultures.

COURSES**ARAB 101-102 Introduction to the Arabic Language and Culture**

Introduction to Arabic language and culture; development of skills in listening, speaking, reading and writing. *Prerequisite:* Arabic 101 is the prerequisite to Arabic 102. 4-4 sem. hrs.

ART HISTORY

Department of Art and Art History

Mark Rhodes, Chair

Professor Addiss

Associate Professors Denton, Rhodes, Sjøvold, Softic'

Assistant Professors Calvillo, Drummond, Pevny

Executive Director of the University Museums Waller

Professionals from the fields in art are also employed as adjunct faculty members.

The Department of Art and Art History offers programs in the studio arts, Western and non-Western art history, and museum studies. In the Modlin Center for the Arts, students work in an environment where they can develop their intellectual and creative abilities to the fullest potential. In addition to a rigorous and stimulating curriculum, students also participate in the activities of the University Museums. The museums present exhibitions of both historical and contemporary art with related lectures, workshops and symposia, with visiting artists, critics and art historians. A study abroad program allows students to study art and art history in approved programs under the direction of the Office of International Education. Because majors are required to develop a senior project, it is recommended that prospective majors consult with the department early to allow adequate time for planning.

The Art History Major

Note: A grade of not less than C (2.0) is required in each course comprising the major.

Thirty-seven to 42 semester hours selected from the courses below, distributed as follows:

A. Art History Surveys, 6 semester hours

Two courses:

ART 221 Art History: Prehistory through the Middle Ages, 3

ART 222 Art History: Renaissance to the Present, 3

B. Art History Courses, 9-12 semester hours

Three 300-level courses selected from Art History Department offerings, one in each of the following three areas:

Late Antiquity, Medieval Art History

Renaissance, 17th- and 18th-Century Art History

European and American, 19th, 20th centuries and Contemporary Art History

C. Non-Western Art, 3-4 semester hours

One non-Western course chosen from art history department offerings.

D. Studio Art Courses (ARTS), 7-8 semester hours

ARTS 211 Materials and Techniques, and one other studio course

E. Seminar in Art History, 4 semester hours

ART 319 Advanced Seminar, 4

F. ART 365 Art Theories and Methodologies, 4 semester hours

G. ART 466 Thesis: Research Project, 4 semester hours

Students prepare their bibliography and thesis proposal to present to the art faculty at the end of the fall semester; thesis is completed during the spring semester.

Majors should take Art 221-222 before enrolling in 300-level Art History courses. Independent studies cannot be substituted for required courses in the art history major.

In addition to the above, the following are strongly recommended for the major:

A semester of international studies through a program approved by the department and the Dean of International Education. A maximum of two courses may be applied toward the major, with prior departmental approval.

ART 388 Individual Internship, 1-3

CLSC 301 Greek Art and Archeology, 3

CLSC 302 Roman Art and Archeology, 3

PHIL 281 Philosophy of Art, 3

(or another course in aesthetics)

RELG 251 Sacred Arts of India, 3

**Note: These courses cannot be substituted for major requirements, which must be fulfilled through Art History Department offerings.*

Honors Program in Art History

Majors are encouraged to apply for and pursue the honors program in Art History. To earn honors in Art History, a student must complete at least 12 hours of honors credit with distinction through a combination of upper-level courses including Art 365-466; the program must be planned in consultation with the student's major advisor and the department. Honors students also must maintain an overall GPA of no less than 3.30, a 3.50 in the major, and receive a 3.7 on the thesis.

Related Concentrations

See Interdisciplinary Concentration in Arts Management for Studio Art, Art History, Music, Theatre and Dance Majors or Minors

Interdisciplinary Concentration in Medieval and Renaissance Studies for Art History Majors

The Art History Minor

Note: A grade of not less than C (2.0) is required in each course comprising the minor.

Eighteen semester hours approved by the department, including

- Art History 221-222, 6 hours
- Three semester hours from a studio course
- Nine semester hours from three elective courses chosen from Art History Department offerings, of which six semester hours must be at the 300-level.

COURSES

ART 212 Introduction to Asian Art

Introductory survey of the arts of India, China, Korea and Japan in historical and cultural context. *3 sem. hrs.*

ART 221 Survey I: Prehistory through the Middle Ages

Survey of Western Art, with some attention given to non-Western Art, from prehistoric times through the Middle Ages. Intended as introductory course for general student as well as art majors and minors. 221 and 222 may be taken independently and in any sequence. *3 sem. hrs.*

ART 222 Survey II: Renaissance to the Present

Historical and analytical study of representative major works of art from Renaissance to the present for general student and art major. *3 sem. hrs.*

ART 226 Art and Culture of Japan

Introduction to art and culture of Japan stressing interconnections between art, literature and historical developments. *4 sem. hrs. (FSVP)*

ART 279 Selected Topics

Examples include African Art, History of Architecture and other specialized topics. May be repeated for credit if topics differ. *Prerequisite:* Permission of instructor. *1-4 sem. hrs.*

ART 282 Values in World Film

Study of films from around the world centering on major themes, with focus on differing cultural values and film art and techniques. *3 sem. hrs.*

ART 309 Image and Icon in Medieval Art

Focuses on role of the panel painted image in medieval world. Explores the conventions, aesthetics and ideology of medieval images, as well as their production, use and restoration. Provides introduction to techniques of medieval panel painting, and asks students to try their hand at the creative process. *3 sem. hrs.*

ART 310 Late Antique and Early Christian Art

Surveys artistic developments in the Mediterranean basin from the first to eighth centuries. Concerned with continuities as well as changes and innovations in visual culture associated with the rise of Christianity in the Roman Empire. *3 sem. hrs.*

ART 311 Medieval Byzantine Art, 600-1453

Focuses on art and architecture created in the eastern Mediterranean between the seventh century and the fall of Constantinople in 1453. Explores cultural dialogue among the Byzantine Empire and its Western European, Eastern European and Islamic neighbors. *3 sem. hrs.*

ART 312 Medieval Art in Western Europe, 8th-15th Centuries

Surveys the rich and varied production of visual culture in Western Europe from early Middle Ages to beginning of the Renaissance. Considers the changing visual experiences associated with the Early Medieval, Carolingian, Ottonian, Romanesque and Gothic periods. *3 sem. hrs.*

ART 313 Art of the United States

Art and architecture from 1800 to 1900. Examined in relation to cultural, political and social contexts of 19th-century America. *3 sem. hrs.*

ART 314 Northern Renaissance Art

Fifteenth- and 16th-century Northern Renaissance art from Van Eyck to Bruegel. *3 sem. hrs.*

ART 315 Art of the Italian Renaissance

A survey of Italian painting, sculpture and architecture between 1250 and 1500, with emphasis on the historical context of particular objects or monuments. Students will examine primary sources whenever possible and consider issues related to the systems of patronage, spirituality, intellectual life and art criticism of the period. *4 sem. hrs.*

ART 316 Art in the Age of Reform

Beginning with the Italian High Renaissance and ending with baroque art in early 17th-century Europe, this course considers artistic production during a period of religious, political and cultural crisis. Lectures, readings and discussions evaluate the agents, ideas and circumstances that brought about the stylistic developments of mannerist and early baroque art. *4 sem. hrs.*

ART 317 Nineteenth-Century Art

Major art trends during 19th-century in Europe. Special attention given to representation of women in art and women artists. *3 sem. hrs.*

ART 318 Twentieth-Century Art

Major movements and developments of modern art in Europe and America. Examination of theoretical bases of modern art, concepts of avant-garde and consideration of public's relationship to modern art. *3 sem. hrs.*

ART 319 Advanced Seminar

Highly focused in-depth studies on topics of Art History related to departmental course offerings. Topics to be chosen by instructor. Representative topics: Zen Art, Contemporary Art, Surrealism, Women Artists. May be repeated for credit if topic differs. *Prerequisite:* 300-level Art History course in the area of the Seminar or permission of instructor. *4 sem. hrs.*

ART 322 Museum Studies

History, philosophy, functions and future of museums; collection research, evaluation, publications, and museum procedures and education. *Prerequisite:* 200-level art history course or permission of instructor. *3 sem. hrs.*

ART 323 Studies in the History of Photography

Combines study of the photograph and its interpretation with consideration of technical developments. *3 sem. hrs.*

ART 324 Art Histories

Courses in areas of art history at a 300-level not covered in regular departmental offerings. May be repeated for credit if topic differs. *3-4 sem. hrs.*

ART 345 Philanthropy in the Arts

(See Music 345; Same as Theatre 345.) *Prerequisite:* Art 322 or permission of the instructor. *3 sem. hrs.*

ART 365 Art Theories and Methodologies

Study of theoretical approaches and methods used in discipline of art history. Required for art history majors, recommended before their senior year. *Permission of instructor required for non-art history majors. 4 sem. hrs.*

ART 376 Theory and Practice of Art

Art theory and aesthetics from different historical periods and different cultures will be studied and discussed in relation to current artmaking. Both research and creative work will be required. Does not count towards the Art History major or minor. *Prerequisites:* Studio Art majors and minors with at least two Studio Arts courses and ART 221 or 222 or permission of instructor. *4 sem. hrs.*

ART 378 Topics in Asian Art

Examples include Japanese prints, painting, ceramics, Buddhist art and Chinese calligraphy. May be repeated for credit when topic varies. *1-4 sem. hrs.*

ART 383 East Asian Painting, Poetry and Calligraphy

Intense study of how the three arts of painting, poetry and calligraphy, practiced with the same materials of brush and ink, have been integrated for more than a millennium as "scholar arts" in East Asia, with both historical study and actual practice for students. *4 sem. hrs.*

ART 388 Individual Internship

Supervised work experience at approved museum, gallery or other art institutions. May be repeated for credit at a different institution. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

ART 395 Independent Study

Individually designed program under faculty supervision. Note: Independent studies cannot be substituted for required courses in the art history major. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

ART 466 Thesis: Research Project

Required for art history majors in their senior year. *Prerequisite:* Art History 365. *4 sem. hrs.*

STUDIO ART

Department of Art and Art History

Mark Rhodes, Chair

Professor Addiss

Associate Professors Denton, Rhodes, Sjøvold, Softríc'

Assistant Professors Calvillo, Drummond, Pevny

Executive Director of the University Museums Waller

Professionals from the fields in art also are employed as adjunct faculty members.

The Department of Art and Art History offers programs in the studio arts, Western and non-Western art history and museum studies. In the Modlin Center for the Arts, students work in an environment where they can develop their intellectual and creative abilities to the fullest potential. In addition to a rigorous and stimulating curriculum, students also participate in the activities of the University Museums. The museums present exhibitions of both historical and contemporary art with related lectures, workshops and symposia, with visiting artists, critics and art historians. A study abroad program allows students to study art and art history in approved programs under the direction of the Office of International Education. Because majors are required to develop a senior project, it is recommended that prospective majors consult with the department early to allow adequate time for planning.

The Studio Art Major

Note: A grade of not less than C (2.0) is required in each course comprising the major.

Forty-six semester hours composed of the following courses:

A. Foundation Courses, 12 semester hours

ARTS 101 Foundation Drawing, 3

ARTS 102 Foundation Design, 3

ARTS 103 Foundation Sculpture, 3

ARTS 104 Foundation Art and Technology, 3

B. Art History Courses, 10 semester hours

- ART 221 Art History: Prehistory through the Middle Ages, 3
- ART 222 Art History: Renaissance to the present, 3
- ART 376 Art Theory and Practice, 4 (before the senior year)-Students may substitute ART 365, Art Theories and Methodologies, with both instructor's and advisor's approval.

C. Three studio classes at the 200 level, one of which must be above 250, 12 semester hours.**D. ARTS 350, Advanced Studio before senior year - exception only with advisor's approval, 4 semester hours****E. ARTS 465, Thesis Development, 4 semester hours****F. ARTS 466, Honors Thesis Exhibition, 4 semester hours or another ARTS 350**

Students who pass the qualifying exam at midterm take ARTS 466, Honors Thesis Exhibition. Others take ARTS 350, Advanced Studio. A student seeking teaching licensure may substitute ARTS 350, Advanced Studio, or an independent study, as approved by department, for Studio Art 465.

Honors Program in Studio Art

Majors are encouraged to apply for and pursue the honors program in Studio Art. To earn honors in Studio Art a student must complete 12 hours of honor credit with distinction through a combination of upper-level courses with Thesis Development and Honors Thesis Exhibition; the program must be planned in consultation with the student's major advisor and the department. Honors students also must maintain an overall GPA of no less than 3.30 while in the program.

Related Concentrations

See Interdisciplinary Concentration in Arts Technology for Studio Art, Music and Theatre Majors

Interdisciplinary Concentration in Arts Management for Studio Art, Art History, Music, Theatre and Dance Majors or Minors

The Studio Art Minor

Note: A grade of not less than C (2.0) is required in each course comprising the minor.

Eighteen to 20 semester hours approved by the department, including

- One foundation class (ARTS 101, Foundation Drawing, or ARTS 102, Foundation Design)
- ARTS 103, Foundation Sculpture
- One art history survey (ART 221 or 222) (3 credit hours);
- Three studio art courses (9-12 credit hours).

COURSES**ARTS 101 Foundation Drawing**

Explores issues of form and visual composition, traditional and contemporary concepts in drawing, and problems of observational drawing. *3 sem. hrs.* (FSVP)

ARTS 102 Foundation Design

Theories, perceptions and interactions of color researched through painting, collage and computer design. Projects incorporate basic principles of two-dimensional abstract design, composition and digital art. *3 sem. hrs.*

ARTS 103 Foundation Sculpture

Basic introduction to material and perceptual problems in sculpture. Explores problems of representational, abstract and nonobjective sculpture. This basic introduction to methods and concepts of sculpture will emphasize elements of three-dimensional design and composition. *3 sem. hrs.* (FSVP)

ARTS 104 Foundation Art & Technology

An introduction to the field of art and technology. Students will produce original works of art using both traditional and digital artmaking tools while studying the perceptual impact of technology throughout history and within contemporary art and culture. No prior computer experience is necessary. *3 sem. hrs.* (FSVP)

ARTS 160 Basic Photography

Introduction to fundamental, technical and aesthetic issues of black and white photography with emphasis on using medium for personal expression. Includes series of problems designed to increase understanding of basic camera operation, darkroom techniques and artmaking strategies. History of photography will be included through study of past and contemporary photography. Camera with manually adjustable aperture and shutter speeds required. *Prerequisite:* Studio Art 101 or 102. *3 sem. hrs.*

ARTS 205 Observational Painting

Introduction to practice of painting with emphasis on observational painting. Emphasizes working understanding of methods and materials of oil painting while investigating basic aspects of visual perception and how to assess subject, form and content in a work of art. *4 sem. hrs.* (FSVP)

ARTS 206 Explorations in Printmaking and Drawing

Explores formal and conceptual problems through simultaneous or combined drawing and printmaking exercises. Promotes understanding of potential of graphic media, introduces new image-making techniques and concepts, including scale and sequence experiments and multi-technique works. Technical demonstrations and presentations precede individual studio projects. *4 sem. hrs.* (FSVP)

ARTS 208 Figure Study: Drawing and Sculpture

Explores the human figure in two- and three-dimensional media. Students investigate gesture, line, value, volume, surface modeling and anatomy, as well as expressive, conceptual and historical approaches in the study of the figure. *4 sem. hrs.* (FSVP)

ARTS 209 Introduction to Visual Language

Through sequence of individualized creative projects course explores relationship of meaning to visual form. In addition to studio projects in two- and three-dimensional media, students engage in research and experimentation with interdisciplinary emphasis. *4 sem. hrs.* (FSVP)

ARTS 211 Materials and Techniques

Explores historical and experimental artmaking materials and techniques. Topics to be covered will vary according to instructor. Studies may be two- and/or three-dimensional and relate to drawing, painting, printmaking and sculpture processes. *4 sem. hrs.*

ARTS 231 Ceramics

Introduction to techniques and concepts of claywork. *3 sem. hrs.*

ARTS 234 Advanced Design

Using color theory and principles of design, focuses on individual studio projects with emphasis on graphic design and digital artmaking. *Prerequisites:* Studio Art 102; and Art 221 or 222. *3 sem. hrs.*

ARTS 240 Digital Art: Post Photography

An introduction to the field of digital photography, digital imaging and image-based installation within the context of contemporary art. Students will produce original works of art while studying the impact of technology upon human perception, visual art and contemporary culture. Emphasis will be placed upon the ways in which digital technology has transformed our understanding of traditional photographic media. *Prerequisite:* Studio Art 104. *4 sem. hrs.*

ARTS 260 Advanced Photography

Explore different styles of photography through lectures, slides, critiques and assignments. Introduction to black and white archival fiber-base printing process in addition to experimentation with different films, filters, papers and developers, and presentation techniques. *Prerequisites:* Studio Art 160; and Art 221 or 222. *3 sem. hrs.*

ARTS 275 Drawing Studio

Explores abstract, conceptual and process-based drawing. Investigates historical and experimental methods of drawing not covered in Studio Art 101, Foundation Drawing. May be repeated for credit. *Prerequisites:* Studio Art 101, 102, 205, 206, 208, or 209; and Art 221 or 222; or permission of instructor. *4 sem. hrs.*

ARTS 276 Printmaking Studio: Book

Examines the book as an art object. Introduces basics of bookbinding (Western and non-Western), printing and basic typesetting skills, while working on individual and collaborative studio projects. Concepts explored include sequencing, text and image relationships, and content and structure relationship. Students research evolution of the artists' book and contemporary practice in this medium. *Prerequisites:* Studio Art 101, 102, 206, or 208; and Art 221 or 222. *4 sem. hrs.*

ARTS 277 Printmaking Studio: Etching

Focuses on techniques, methods and formal and conceptual potential of intaglio (etching and engraving) and related print media. Includes the techniques of drypoint, mezzotint, line etching, aquatint and printing in color. May be repeated for credit. *Prerequisites:* Studio Art 101, 206, or 208; and Art 221 or 222. *4 sem. hrs.*

ARTS 278 Printmaking Studio: Lithography

Focuses on the techniques, methods and formal and conceptual potential of lithography and related print media. Includes both stone and plate lithography and alternative lithographic techniques. May be repeated for credit. *Prerequisites:* Studio Art 101, 206, or 208; and Art 221 or 222. *4 sem. hrs.*

ARTS 279 Selected Topics

Examples include watercolor technique, plein-air landscape painting, installation art, landscape painting, nontraditional artmaking, and others as arranged by department. May be repeated for credit if topics differ. *Prerequisite:* Art 221 or 222 or permission of instructor. *1-4 sem. hrs.*

ARTS 280 Digital Art: Sound

An intermediate-level investigation into time-based media, specifically sound-based art. Students will produce original works of art that exist outside the visual realm and focus on sound as a perceptual tool for contemporary art production. Additional emphasis will be placed on historical, conceptual and theoretical issues relating to sound within contemporary art and culture. *Prerequisites:* Studio Art 104 and Art 221 or 222, or permission of instructor. *4 sem. hrs.*

ARTS 285 Digital Art: Video

An intermediate-level investigation into time-based media, specifically digital video-based art. Students will produce original works of art that utilize time as a perceptual tool while studying broader issues surrounding the video medium within contemporary art and culture. *Prerequisites:* Studio Art 104 and Art 221 or 222, or permission of instructor. *4 sem. hrs.*

ARTS 290 Digital Art: Animation

An intermediate-level investigation into time-based media, specifically digital animation. Students

will produce original works of art that incorporate drawings, still images, video and sound into animated sequences. Additional emphasis will be placed on historical, conceptual and theoretical issues relating to motion graphics within contemporary art and culture. *Prerequisite:* Studio Art 104 and Art 221 or 222, or permission of instructor *4 sem. hrs.*

ARTS 293 Sculpture Studio

Individualized in-depth training in specific sculptural approaches, techniques, media and concepts. Students choose to work from stone carving, wood carving, wood fabrication, metal fabrication, claywork, plaster carving and fabrication, metal and plaster casting, and mixed media objects and installation. May be repeated for credit. *Prerequisites:* Studio Art 103, 208, or 231; and Art 221 or 222; or permission of instructor. *4 sem. hrs.*

ARTS 295 Painting Studio

Explores abstract, conceptual and process-based painting. Students investigate historical and experimental methods of paintings not covered in Observational Painting (ARTS 205). May be repeated for credit. *Prerequisite:* Studio Art 101, 102, 205, 206, 208, or 209; and Art 221 or 222; or permission of instructor. *4 sem. hrs.*

ARTS 296 Digital Studio: Net.Art

An intermediate-level investigation into the area of Web-based art production. Students will produce works of art that incorporate and merge various traditional and digital components into cohesive, original artworks for online publication. Additional emphasis will be placed upon conceptual, cultural and theoretical issues surrounding the Internet within contemporary art and culture. *Prerequisites:* Studio Art 104 and Art 221 or 222, or permission of instructor. *3 sem. hrs.*

ARTS 299 Digital Art: Installation

An advanced-level investigation into media-based installation. Students will propose and produce original works of art in digital photography, sound, video, animation, or any combination thereof. Emphasis will be placed on the ways in which the environment that houses a project becomes an integral component of the work. Additional emphasis will be placed on conceptual, cultural and theoretical issues surrounding media-based installation within contemporary art. *Prerequisites:* Studio Art 104 and Art 221 or 222, or permission of instructor. *4 sem. hrs.*

ARTS 350 Advanced Studio

Advanced, directed individual studio projects in the medium chosen by the student. Emphasis on development of analytical and critical thinking and individual creative vocabulary. May be repeated for credit. *Prerequisites:* Studio Art 234, 260, 275, 276, 277, 278, 293, or 295; and Art 221 or 222; or permission of instructor. *4 sem. hrs.*

ARTS 388 Individual Internship

Supervised work experience at approved artist's studio, museum or gallery. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

ARTS 395-396 Independent Study

Individually designed program under faculty supervision. *Prerequisite:* Permission of instructor. *1-4/1-4 sem. hrs.*

ARTS 465 Thesis Development

Senior studio art majors will create focused body of work and begin to clarify and establish future directions and resources for personal research and artmaking. Students will prepare for midterm application for the Honors Thesis Exhibition course for a spring exhibition. *Prerequisites:* Studio art major, senior level and Art 221 or 222. *4 sem. hrs.*

ARTS 466 Honors Thesis Exhibition

Graduating studio art majors are invited, based on a successful midterm review during the Thesis Development course, to enroll in the honors thesis to organize and present an exhibition of their art in the University art museum. Students will complete a focused body of work presented in exhibition and will participate in all aspects of the organization. The course also will cover the business of being an artist, including writing about and presenting one's art, resume writing, exhibiting and selling of work. *Prerequisites:* Studio Art 465 and permission of the department. *4 sem. hrs.*

BIOLOGY

Department of Biology

Roni J. Kingsley, Chair

Professors de Sá, Hayden, Kish

Associate Professors Boland, Gindhart, Harrison, A. Hill,

M. Hill, Kingsley, Radice, Smallwood, Stenger

Assistant Professors Knight, Runyen-Janecky, Telang,

Treonis, Warrick

Directors of Biology Laboratories Boone, Lessem, Reiner

Director of Biological Imaging Marks

Director of Pre-Health Education Vaughan

Manager of Biology Laboratories Farrell

Stockroom Manager Joseph

The Biology Major

Note: The grade point average of the coursework in biology and chemistry must be no less than 2.00 with no course grade below C- (1.7). Four-credit courses in biology include laboratory instruction.

For the Bachelor of Science degree in Biology

Required:

- BIOL 201 Introduction to Genetics
- BIOL 205 Cell and Molecular Biology
- BIOL 210 Integrative Biology I
- BIOL 215 Integrative Biology II

- 16 additional hours in Biology
- MATH 212 Calculus II or MATH 232 Scientific Calculus II
- CHEM 141 Introductory Chemistry
- CHEM 205 Organic Chemistry I
- CHEM 206 Organic Chemistry II
- PHYS 132 General Physics with Calculus II, 133 Atomic and Sub-Atomic Physics, or 134 Biological Physics

For the Bachelor of Arts degree in Biology

Required:

- BIOL 201 Introduction to Genetics
- BIOL 205 Cell and Molecular Biology
- BIOL 210 Integrative Biology I
- BIOL 215 Integrative Biology II
- 16 additional hours in Biology
- CHEM 141 Introductory Chemistry
- CHEM 205 Organic Chemistry I
- CHEM 206 Organic Chemistry II

The Biology Minor

Required:

- BIOL 201 Introduction to Genetics
- BIOL 205 Cell and Molecular Biology
- BIOL 210 Integrative Biology I
- BIOL 215 Integrative Biology II
- 4 additional hours in Biology
- CHEM 141 Introductory Chemistry

Approved Courses for the Biology Major and Minor

All 200- and 300-level courses may be used to meet major requirements with the following exceptions: any 100-level course, 260, 350, 370, 371, 388, 391, 392, and 395 will not count toward the biology major or minor.

Honors Program

Students invited into the Honors program may earn honors in Biology by completing the following requirements:

- a minimum GPA of 3.30 in Biology and overall
- 6 credit hours BIOL 395 Honors Research (taken for two semesters at 3 hours per semester)
- 4 credit hours of BIOL in addition to those already required for the major. A grade of B or above in this course would allow it to count towards the honors degree
- 1 credit hour BIOL 391 Honors Seminar
- 1 credit hour BIOL 392 Honors Seminar II
- Honors thesis written under the supervision of a research advisor and presented to the department in an oral presentation.

Related Fields

Biochemistry and Molecular Biology Program

Interdisciplinary Concentration in Neuroscience for Biology or Psychology Majors: see section titled Interdisciplinary Concentrations

Marine and Ecosystem Studies

Opportunities are available to study marine biology or marine and other ecosystems through cooperative agreements with the Duke University Marine Sciences Laboratory (DUMS), Beaufort, N.C., and the Marine Biological Laboratory, Woods Hole, Mass., Semester in Environmental Science (MBL-SES). Work taken in the program may be included in the student's University of Richmond curriculum only with the prior approval and under the direction of the Department of Biology. Students interested in this option are encouraged to apply to the department for further information.

COURSES

BIOL 100 Biology of Plants

Holistic overview of plant biology including elements of cell biology, biochemistry, biodiversity, morphology, growth and development, physiology and ecology. Emphasizes direct interaction with live plants in the laboratory, field and greenhouse integrated with understanding of cellular structures and processes and practice of scientific method. Will not serve as basis for further work in science nor meet entrance requirements for any health profession. Three lecture and two laboratory hours per week. *4 sem. hrs.* (FSNB)

BIOL 101 Principles of Evolution

Examines fundamentals of the theory of evolution as an example of how science works and progresses. Consists of three modules. The first module will focus on importance of genetic variation and principles of the evolutionary theory; the second will focus on illustrating how evolutionary theory and evolutionary tree serve as guides in biological research; and the third will focus on principles of human evolution. Will not serve as basis for further work in science nor meet entrance requirements for any health profession. Three lecture and two laboratory hours per week. *4 sem. hrs.* (FSNB)

BIOL 102 Exploring Human Biology

Examination of human biology from perspective of cellular processes, genetics, structure and function of organ systems, and evolution. Application of the scientific method in the laboratory. For nonscience majors. Will not serve as basis of further work in science nor meet entrance requirements for any health profession. Three lecture and two laboratory hours per week. *4 sem. hrs.* (FSNB)

BIOL 104 Biology of Human Development

Focuses on early embryonic development, including fertilization, stem cell formation, organ development and sex determination. Emphasis on understanding biological principles and social implications of manipulating human development. Will not serve as basis for further work in science nor meet entrance requirements for any health profession. Three lecture and two laboratory hours per week. *4 sem. hrs.* (FSNB)

BIOL 106 Microbiology: Unseen Life

Introduction to basic concepts needed to understand microorganisms and their impact on our world. Questions addressed include: What is microbial diversity? How do microbes grow? How can we control microbial growth? How can we harness the power of microbial genetics? How do microbes help in food production? What roles do microbes play in the biosphere? How do microbes interact with the human body? Laboratory investigations will utilize the scientific method to allow students to gain insight as to how scientific experiments are performed. Designed for nonscience majors. Three lecture and two laboratory hours per week. *4 sem. hrs.* (FSNB)

BIOL 107 Human Genetics

Introduction to basic concepts in human genetics and how advances in the field impact health care, biotechnology, public policy and the law. Topics such as the Human Genome Project, gene therapy and prenatal testing for genetic disorders will be discussed. Students will gain working knowledge of how scientists think and how they approach research problems. Designed for students with little or no background in biology, chemistry and mathematics. Does not count toward the biology major. Will not serve as basis for further work in science nor meet entrance requirements for any health profession. Three lecture and two laboratory hours per week. *4 sem. hrs.* (FSNB)

BIOL 108 Environmental Biology

Basic ecological principles and selected topics in environmental science, including worldwide impact of growing human population, patterns of energy consumption, and issues of water quality, water management, land use and biological resources. Application of the scientific method will be incorporated in laboratory component. For nonscience majors. Will not serve as basis of further work in science nor meet entrance requirements for any health profession. Three lecture and two laboratory hours per week. *Prerequisite:* High school biology. *4 sem. hrs.* (FSNB)

BIOL 109 Introduction to Ecology

Introduction to causes and consequences of ecological patterns at all scales: individuals, species, communities and ecosystems. Terrestrial, aquatic and marine systems

are studied, as well as theories and the mathematical and graphical models used to understand them. Some labs require work outside. Will not serve as basis for further work in science nor meet entrance requirements for any health profession. Three lecture and two laboratory hours per week. *4 sem. hrs.* (FSNB)

BIOL 110 Emerging Infectious Diseases

Examination of microbes responsible for emerging infectious diseases (and perspective of diseases with significant impact on history) will be used to introduce biological principles evaluating the structure/function of these microbes as well as discussing the role of genetics. The impact of these events as well as the public policy response will be explored. Examples of microbes to be studied include HIV, Ebola, Escherichia coli, Treponema pallidum and staphylococcus aureus. The scientific method of investigations will be an integral part of the laboratory. Will not serve as basis for further work in science nor meet entrance requirements for any health profession. Three lecture and two laboratory hours per week. *4 sem. hrs.* (FSNB)

BIOL 201 Introduction to Genetics

Introductory course addressing theory and use of genetics in the biological sciences. Topics include 1) gene organization and transmission through generations, including Mendelian inheritance, linkage and mapping; 2) gene function at the molecular level, including physical nature of DNA, transcription, translation and regulation of gene expression; and 3) genetic analysis of biological processes such as development. Emphasis is on modern genetic techniques and applications. Three lecture and three laboratory hours per week. *4 sem. hrs.* (FSNB)

BIOL 205 Cell and Molecular Biology

Introductory course addressing cell structure and function at the molecular level. Major topics include 1) the chemical composition of cells, including the structure and function of proteins, carbohydrates and lipids; 2) the organization of cells including organelles and their functions; 3) cellular metabolism, including respiration, fermentation and photosynthesis; 4) cell-cell interactions and communication including signaling in nerve and muscle; 5) mitosis, the cell cycle and cell death. Emphasis on modern cellular and molecular techniques and applications. Three lecture and three laboratory hours per week. *Prerequisites:* Biology 201 and Chemistry 141 (CHEM 141 may be taken concurrently). *4 sem. hrs.*

BIOL 210 Integrative Biology I

Integrated examination of features and processes that unify the diversity of life on Earth. Has three core themes: 1) principles and mechanisms of evolution, including speciation; 2) diversity of and relationships

among major groups of organisms; and 3) ecology: ways in which these organisms and the environment are linked. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 205 or Environmental Studies 201. 4 sem. hrs.

BIOL 215 Integrative Biology II

Integrated examination of features and processes that unify diversity of life on Earth. Builds on Biology 210 by studying how plants and animals work. Physiological processes will be considered in terms of how these functions relate to the natural environment. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 210. 4 sem. hrs.

BIOL 225 Evolution

Introduction to biological evolution including history of field, and mechanisms of evolution that result in biological diversification, speciation, extinction and the fossil record. *Prerequisite:* Biology 201. 4 sem. hrs.

BIOL 229 Microbiology

Microorganisms are everywhere and an integral part of our world. This course introduces a broad range of topics in the field, including: microbial cell structure and function, microbial growth and nutrition, unique aspects of microbial metabolism, viruses, microbial ecology and microbial pathogenesis. The contributions of microbes to the world, both positive and negative, will be highlighted throughout the course. Laboratory investigations will allow students to explore microbiological-based questions. Three lecture and three laboratory hours per week. *Prerequisites:* Biology 201 and 205 and Chemistry 141. 4 sem. hrs.

BIOL 250 Earth Systems and Physical Geography

(See Geography 250; Same as Environmental Studies 250.) 4 sem. hrs.

BIOL 260 Introduction to Geographic Information Systems

(See Geography 260; Same as Environmental Studies 260.) 3 sem. hrs.

BIOL 303 Plant Morphology

Structure, life histories and phylogeny of major divisions of algae, fungi and terrestrial plants. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 210. 4 sem. hrs.

BIOL 305 Plant Anatomy

Microscopic structure of vascular plants with emphasis on function, development and evolution. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 215. 4 sem. hrs.

BIOL 306 Systematic Botany

Identification and classification of vascular plants; emphasis on local flora, principles of systematics. Two lecture and four laboratory hours per week. *Prerequisite:* Biology 210. 4 sem. hrs.

BIOL 307 Advanced Cell and Molecular Biology

Analysis of molecular mechanisms by which cells interact with each other and the environment. Topics include signal transduction, cell cycle regulation and molecular models of cancer and microbial pathogenesis. *Prerequisites:* Biology 205 and Chemistry 206. 3 sem. hrs.

BIOL 308 Comparative Vertebrate Anatomy

Comparative anatomy and biology of several systems of organs of representative vertebrates in an evolutionary context. Two lecture and four laboratory hours per week. *Prerequisite:* Biology 210. 4 sem. hrs.

BIOL 309 Invertebrate Zoology

Comprehensive study of systematics, morphology, physiology, development, behavior and ecology of invertebrates, the most abundant animals on the planet. Three lecture and three laboratory hours per week plus field trips. *Prerequisite:* Biology 215. 4 sem. hrs.

BIOL 311 Microanatomy

Microscopic structures and functions of vertebrate tissues and organs. Laboratory emphasizes quantitative light and electron microscopy and computer-assisted image analysis. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 205. 4 sem. hrs.

BIOL 312 Developmental Biology

Development of animals, concentrating on fertilization and early embryonic development. Emphasizes mechanisms of cell differentiation and pattern formation. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 205. 4 sem. hrs.

BIOL 313 Microbial Pathogenesis

Exploration of the general mechanisms used by pathogens to cause disease. Topics include entry into the host, attachment to and invasion of host cells, cell and tissue damage, and microbial elimination/dissemination, as well as the techniques used to study these processes. Students will examine these topics in detail in context of several specific pathogens to more thoroughly appreciate the clinical disease that results from infection. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 205. 4 sem. hrs.

BIOL 314 Molecular Genetics

Examination of experimental underpinnings of knowledge about gene transmission and function through critical analysis of key papers. Lab projects focus on developing skill in posing problems that can be addressed experimentally. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 201. 4 sem. hrs.

BIOL 318 Field Biology

Introduction to theory and practice of field biology research, including sampling, monitoring, and experimental design. Emphasis on both gathering quantitative information and understanding natural history of the study organism. Three lectures and three laboratory hours per week. *Prerequisite:* Biology 215. 4 sem. hrs.

BIOL 325 Molecular Evolution

Introduction to molecular evolution with focus on genome structure, mutation selection and random genetic drift at molecular level. Evolution by gene duplication, exon shuffling and transposition. Lab focuses on cloning and recombinant DNA techniques. Strong lab component, two lecture and four laboratory hours per week. *Prerequisite:* Biology 201. 4 sem. hrs.

BIOL 326 Biochemistry

(See Chemistry 326.) *Prerequisite:* Chemistry 206. 3 sem. hrs.

BIOL 327 Biochemistry Lab

(See Chemistry 327) *Prerequisites:* Chemistry 206 and Chemistry/Biology 326 (CHEM/BIOLOGY 326 can be taken concurrently) 1 sem. hrs.

BIOL 328 Vertebrate Zoology

Comprehensive survey of vertebrate classes emphasizing phylogenetic theory, natural history, behavior and ecology. Two lecture and four laboratory hours per week. *Prerequisite:* Biology 210. 4 sem. hrs.

BIOL 329 Protein Structure, Function and Biophysics

(See Chemistry 329.) *Prerequisites:* Chemistry 309, Biology/Chemistry 326 and Biology/Chemistry 327. 4 sem. hrs.

BIOL 330 Ecology

Interrelationships of organisms and their environments examined at the levels of individuals, populations, communities and ecosystems, and application of ecological principles to conservation. Three lecture and three laboratory hours per week plus two overnight field trips. *Prerequisite:* Biology 215. 4 sem. hrs.

BIOL 332 Tropical Marine Biology

Introduction to marine biology and other oceanographic disciplines using tropical marine habitats as specific examples. Three lecture hours per week and laboratory portion composed of field trips and exercises including Spring Break field experience in Caribbean (extra fee required). *Prerequisites:* Biology 215 and permission of instructor. 4 sem. hrs.

BIOL 333 Microbial Ecology

Community dynamics play an important role in organismal interactions. Examines the role of microorganisms in terrestrial, freshwater and marine habitats, as well as animal-plant systems. The laboratory

will emphasize molecular techniques used to study microorganisms in situ and includes independent research project. *Prerequisites:* Biology 201 and 205 and Chemistry 141. 4 sem. hrs.

BIOL 334 Oceanography

Integrated introduction to biological, geological, chemical and physical oceanography. Multidisciplinary approach to ocean processes. Three lecture hours, three laboratory hours per week, plus field trips. *Prerequisites:* Biology 215 and Chemistry 141. 4 sem. hrs.

BIOL 338 Comparative Animal Physiology

Introduction to major characteristics of animal function at level of whole organism and component structures and organ systems. Emphasis on physiological function and processes related to survival in natural environment. Three lecture and three laboratory hours per week. *Prerequisites:* Biology 215 and Chemistry 206. 4 sem. hrs.

BIOL 339 Physiology of Marine Organisms

Physiological adaptations, including osmoregulation, respiration, diving physiology and temperature regulation of organisms to marine environments, such as estuaries, the open ocean and deep sea. Three lecture hours per week. *Prerequisite:* Biology 215. 3 sem. hrs.

BIOL 340 Introduction to Immunology

Overview of immunology. Current theories and their explanation of pertinent contemporary issues included. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 205. 4 sem. hrs.

BIOL 341 Animal Physiological Ecology

Introduction to animal physiological adaptation to the natural environment. Emphasis will be on physiological responses of animals to both biotic and abiotic factors and interaction with ecology and population dynamics of species. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 215. 4 sem. hrs.

BIOL 342 Biology of Cancer

Historical perspective on principal developments in cancer research, including selection and clonal evolution of cancer cells, oncogenes and tumor genes, control of tumor growth and metastasis, RNA and DNA transforming viruses, and molecular basis of cancer treatment. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 205. 4 sem. hrs.

BIOL 343 Neurobiology

Broad course focusing on study of neurons and neuronal systems. Topics to be explored include the neuron and its mechanisms for the transmission of signals, neuronal organization, sensory perception, integration, behavioral output, development and basic neurogenetics. Three lecture and three laboratory hours per week. *Prerequisite:* Biology 205 4 sem. hrs.

BIOL 344 Behavioral Ecology

Introduction to analysis of behavior of organisms, including humans, by study of how behavior affects survival and reproduction. Behaviors studied include foraging, aggression, cooperation and reproduction. Verbal, graphical and mathematical models to describe and predict behavior are studied and tested. Three lecture and three laboratory hours per week; may include overnight field trips. *Prerequisites:* Biology 210 or permission of instructor. *4 sem. hrs.*

BIOL 350 Undergraduate Research

Independent research conducted with faculty supervision. May be taken twice for credit. *Prerequisite:* Permission of instructor. *2 sem. hrs.*

BIOL 351 Special Topics

Special course areas covered when sufficient interest exists. Considers subject matter not covered in other biology courses. *Prerequisite:* Biology 205. *1-4 sem. hrs.*

BIOL 352 Evolutionary Developmental Biology

Study of how evolution occurs through inherited changes during the embryonic development of organisms. The genetic basis of animal diversity will be studied by examining conserved molecular, cellular and developmental processes. *Prerequisite:* BIOL 201. *4 sem. hrs.*

BIOL 360 Environmental Remote Sensing

(See Environmental Studies 360.) *3 sem. hrs.*

BIOL 370 Women in Science

Critical analysis of involvement of women in science, including the history of participation of women in science; trends and barriers to full participation in science including real and perceived differences in the biology of the scientist; objectivity/subjectivity in science; and feminist analyses of science. Continuing dialogue on how science is done and impact that feminist scholarship has had on this dialogue. Class research project will be conducted. Three lecture hours per week. *Prerequisite:* Students must have fulfilled their FSNS requirement or have permission from the instructor. *3 sem. hrs.* (FSSA)

BIOL 380 Philosophical Issues in Evolutionary Biology

Philosophical problems within evolutionary biology and its influence on society. Issues studied include how natural selection works, evolution and human behaviors, and the influence of evolutionary theory on our ethical and legal codes. Lecture/seminar format, with student presentations and term paper. Three lecture hours per week. *Prerequisite:* Biology 210 or permission of instructor. *3 sem. hrs.*

BIOL 383 Tropical Biology and Conservation

Introduction to principles of tropical biology and conservation, including historical and economic

components. Three lecture and three laboratory hours per week. *Prerequisite:* Any college-level biology course. *4 sem. hrs.*

BIOL 384 Eukaryotic Genetics

Principles underlying gene expression in higher eukaryotes, examined through selected genetic pathologies. The course seeks to increase students' facility in making creative use of the primary scientific literature. Three lecture hours per week. *Prerequisite:* Biology 201 and 326. *3 sem. hrs.*

BIOL 388 Individual Internship

Supervised independent work under field conditions. Designed to give student applied experience in biological specialty. May be repeated once for credit. *Prerequisite:* Biology, Biochemistry and Molecular Biology, or Environmental Studies major at junior or senior rank. *3 sem. hrs.*

BIOL 391 Honors Seminar I

Special topics for junior and senior honors candidates. *Prerequisite:* Permission of instructor. *1 sem. hr.*

BIOL 392 Honors Seminar II

Special topics for junior and senior students with emphasis on topics presented in the Biology Seminar Series. One lecture hour per week. *Prerequisite:* Permission of instructor *1 sem. hr.*

BIOL 395 Honors Research

Laboratory or field-centered independent study. May be taken twice for credit. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

BIOCHEMISTRY AND MOLECULAR BIOLOGY

Ellis Bell (Chemistry), Co-Coordinator

April L. Hill (Biology), Co-Coordinator

The Biochemistry and Molecular Biology Program is an interdisciplinary program based in the Biology and Chemistry Departments, and is jointly administered by a coordinating committee consisting of several faculty from each department. The program is designed to offer a flexible route to either the B.A. or B.S. degree and actively encourages student participation in research, which may be conducted with faculty in either department. The flexibility of the program lends itself to combination with study abroad and outreach opportunities. The major is designed to prepare students for future study in Biochemistry and Molecular Biology and related molecular life sciences or for employment in the biotechnology industry, or simply for students fascinated by the revolutions in the life sciences that are shaping our future.

The Biochemistry and Molecular Biology Major

Note: A grade of C- (1.7) or better is required in each chemistry and biology course applied toward the major.

For the Bachelor of Arts degree:

A total of 41 hours in chemistry and biology including:

- BIOL 201 Introduction to Genetics
- BIOL 205 Cell and Molecular Biology
- BIOL 210 or 215 Integrative Biology I or II
- CHEM 141 Introductory Chemistry: Structure, Dynamics and Synthesis
- CHEM 205-206 Organic Chemistry
- CHEM 309 Physical Chemistry
- CHEM 322 Junior Seminar
- BIOL/CHEM 326 Biochemistry
- BIOL/CHEM 327 Biochemistry Laboratory
- BIOL/CHEM 329 Protein Structure, Function and Biophysics
- One course from the following: BIOL 307 Advanced Cell and Molecular Biology, or BIOL 314 Molecular Genetics, or BIOL 352 Evolutionary Developmental Biology, or BIOL 384 Eukaryotic Genetics
- Two hours of Senior Seminar (either CHEM 421/422 or BIOL 391/392)

Required from outside chemistry and biology:

- MATH 212 or 232
- PHYS 131 or 101
- PHYS 132 or 133 or 134

For the Bachelor of Science degree:

The above courses plus at least two hours of approved research experiences in biology or chemistry that culminates in a written report or poster presentation and one upper-level elective, from either the biology or the chemistry departments, to give a total of 46 hours in chemistry and biology.

For either of the above degrees:

Additional upper-level elective courses in chemistry and biology are highly recommended. Students wishing to double major in biochemistry and molecular biology and either chemistry or biology are required to use upper-level electives for only one degree program or the other. Similarly, upper-level electives cannot be counted for both a major and a minor in either department.

Honors Program

Students are invited to participate in the Biochemistry and Molecular Biology Honors Program by the program co-coordinators. A student graduating with an Honors degree in Biochemistry and Molecular Biology must complete 6-8 hours of preapproved upper-level elective work in Chemistry, Biology or courses approved by the BCMB committee. The student also must fulfill the following research requirements:

- A research proposal to the student's research advisor

- 4-6 credit hours of Independent Research
- A written thesis upon completion of their research that is approved by at least two BCMB Program Committee Members or their designees (one of which must be a BCMB Program Committee member)
- An oral defense of the thesis

Additionally, students must have a GPA of 3.6 or better in their major and 3.3 or better overall. The total number of hours for honors course work (including formal courses and research) is 12.

CHEMISTRY

Department of Chemistry

Bill Myers, Chair

Professors Bell, Gupton, Myers

Associate Professors Abrash, Dominey, Gentile, Goldman, Parish, Stevenson

Assistant Professors Dattelbaum, Downey, Hamm, Leopold

Director of Chemistry Laboratories Ferguson, Miller

Director of Instrument Facilities Norwood

Director of Computer-Assisted Science Education Kanter

Manager of Laboratories Collins, Wimbush

Stockroom Manager Joseph

Visiting Senior Research Scholar Zeldin

The Chemistry Major

Note: A grade of not less than C- (1.7) is required in each chemistry course applied to the major or minor.

For the Bachelor of Arts degree:

A. A total of 30 hours in chemistry approved by the department including

- CHEM 141
- CHEM 205-206
- CHEM 300
- CHEM 301
- CHEM 309 or CHEM 310
- CHEM 317
- CHEM 322
- CHEM 421- 422
- one additional three- or four-hour upper-level course in chemistry (other than CHEM 320)

B. MATH 212 or 232

C. PHYS 131 or 101 and PHYS 132, 133 or 134

Participation in undergraduate research is encouraged as an important part of the program.

For the Bachelor of Science degree:

A. A total of 36 hours in chemistry approved by the department including

- CHEM 141
- CHEM 205-206
- CHEM 300

- CHEM 301
- CHEM 309-310
- CHEM 317
- CHEM 322
- CHEM 421-422
- one additional three- or four-hour upper-level course in chemistry (other than CHEM 320)
- two hours of an approved research experience that culminate in a written report or poster presentation

B. MATH 212 or 232

C. PHYS 131 or 101 and PHYS 132, 133 or 134

And for either of the above degrees:

Additional upper-level elective courses in chemistry and two full years of either biology or physics are highly recommended.

Interdisciplinary Biochemistry and Molecular Biology Major

For a description of the Bachelor of Arts degree and the Bachelor of Science degree, see Biochemistry and Molecular Biology.

Certifications in the Chemistry Major

Certifications by the department, based on American Chemical Society specifications, require:

For chemistry: The Bachelor of Science degree in chemistry with the addition of Chemistry 326. Note that Chemistry 326 is in addition to, not in place of, the upper-level elective required for the Bachelor of Science degree in chemistry. In addition, a written research report must be submitted to the Chemistry Department.

For chemistry/biochemistry: The Bachelor of Science degree in chemistry with the addition of Chemistry 326, 327, and 329 and one nonintroductory biology elective which contains cell biology, microbiology or genetics. Note that Chemistry 326, 327, and 329 are in place of, not in addition to, the upper-level elective required for the Bachelor of Science degree in chemistry. In addition, a written research report must be submitted to the Chemistry Department.

The completion of the Bachelor of Science degree in biochemistry and molecular biology and Chemistry 300, 301, 310, and 317 also meets the certification requirements. Note that Chemistry 300, 301, 310, and 317 are in place of, not in addition to, the upper-level elective required for the Bachelor of Science degree in biochemistry and molecular biology. In addition, a written research report must be submitted to the Chemistry Department.

Honors Program

Departmental honors in Chemistry requires

- GPA of 3.3 overall and in the major;

- A total of 43 hours in chemistry approved by the department including 141, 205, 206, 300, 301, 309, 310, 317, 322, 326, 421, 422, and an additional nine hours of course credit including one three- or four-hour upper-level elective course in chemistry and five or six hours of an approved research experience;
- A research thesis turned in to the Honors Coordinator and approved by at least two chemistry faculty members or their designees.

To obtain Honors in Chemistry, a student must apply to the University Honors Program. An application can be submitted through the Chemistry Honors Coordinator after a student has completed 65 hours total coursework and 12 hours in Chemistry past CHEM 141.

The Chemistry Minor

A grade of not less than C- (1.7) is required in each course.

- CHEM 141
- CHEM 205-206
- CHEM 300-301 or 302
- CHEM 317
- one additional three or four hour upper-level course in Chemistry (other than CHEM 320)

Cooperative Programs

Engineering Opportunities for University of Richmond students at Virginia Commonwealth University

A fundamental understanding of chemistry coupled with problem-solving and analytical skills in chemical engineering represents a unique opportunity to position students for broad employment opportunities in chemical process technology and in the rapidly growing areas of biotechnology and advanced materials. Toward this end, opportunities have been created for University of Richmond students who seek the advantages of a liberal arts education coupled with a strong background in the fundamentals of engineering.

A sequence of four courses offered in the School of Engineering at Virginia Commonwealth University has been approved for University of Richmond students. The requisite math background for this core and for easy transfer into the VCU M.S. program is two semesters of calculus and one semester each of differential equations and statistics. A course in computer programming is useful but not mandatory.

The core courses are listed below:

- EGRC 201 Material, Energy and Economic Balances (4 credits)
- EGRC 204 Engineering Thermodynamics (4 credits)
- EGRC 301 Fluid Dynamics and Heat Transfer (3 credits)
- EGRC 302 Mass Transfer and Unit Operations (3 credits)

The core courses listed above will be accepted as transfer credit. Up to four semester hours will count as required elective credit within the chemistry major. For a Richmond student to qualify, the following criteria would have to be met:

- Junior or senior standing at Richmond
- Enrollment in at least 12 hours at Richmond during the semester coursework is taken at VCU
- Minimum GPA of 2.5 at Richmond
- Enrollment in no more than one course at VCU in any given semester
- Prerequisites for elective courses must be completed
- Payment of any lab fees required by VCU
- Acceptance by the School of Engineering at VCU
- Student's program must be approved in advance by VCU registrar (case-by-case approval)

Marine and Ecosystems Studies, Cooperative Program with the Duke University Marine Science Laboratory, Beaufort, N.C.

Semester in Environmental Science, Cooperative Program with the Marine Biological Laboratory at Woods Hole, Mass.

COURSES

CHEM 110 Pollutants in the Environment

Sources, behavior and effects of chemical pollutants in the air, water and soil. Topics include global warming, ozone depletion, acid rain, pesticides and radioactive waste. Three lecture and three laboratory hours a week. *Does not count toward the Chemistry major or minor. Prerequisite:* None (high school chemistry desirable). 4 sem. hrs. (FSNC)

CHEM 111 Chemistry Detectives: Solving Real World Puzzles

A laboratory-based course in which students learn the language and techniques used in industrial and forensic laboratories to conduct organic chemical analysis. Students become "chemistry detectives," able to solve the types of "chemistry puzzles" that are characteristic of the fun part of doing chemistry (e.g. how chemists, such as forensic and pharmaceutical chemists, determine the structure of real-world unknown compounds). A range of applications of this chemistry is discussed, including such topics as environmental, medicinal, polymer, forensic and industrial chemistries, government regulations, natural products, pheromones and information retrieval. In the process students will gain hands-on experience using modern instrumentation, including IR, NMR, GC-Mass Spec and UV-Visible spectroscopy. Three lecture and three laboratory hours per week. *Does not count toward the Chemistry major or minor. Prerequisite:* High school chemistry or permission of instructor. 4 sem. hrs. (FSNC)

CHEM 112 Biochemistry in the Real World

The genomics revolution of the last 10 years has given birth to the "proteome," emphasizing the central role that proteins play in virtually all life and death processes. This course will explore central features of what proteins look like and how they perform their varied functions in a variety of biological and chemical processes. These will include aspects of cell differentiation, cell death and disease states such as cancer, Alzheimer's and viral infections by Epstein Barr Virus, Papilloma Virus and AIDS. Three lecture and three laboratory hours a week. *Does not count toward the Chemistry major or minor. 4 sem. hrs. (FSNC)*

CHEM 141 Introductory Chemistry: Structure, Dynamics and Synthesis

Fundamental principles of chemistry including atomic and molecular structure, bonding, periodicity; chemical reactions including stoichiometry, acid base chemistry, oxidation-reduction; and an introduction to kinetics and thermodynamics, chemical reactions and equilibria. Introductory course for science majors and those pursuing degrees in the health sciences. It is a prerequisite for upper-level courses. Three lecture and three laboratory hours a week. Previous knowledge of chemistry is helpful but not assumed. 4 sem. hours. (FSNC)

CHEM 205-206 Organic Chemistry

Chemistry of compounds of carbon, which is fundamental to understanding of both chemistry and biology. Nomenclature, structure-physical property relationships, reactions, reaction mechanisms, spectroscopy and introduction to macromolecules including those of biological significance. Three lecture and three laboratory hours a week. *Prerequisite:* Chemistry 141. Chemistry 205 is prerequisite to 206. 4-4 sem. hrs.

CHEM 220 Projects

Laboratory work requiring integration of information from various fields of chemistry and involving a number of techniques. 1 or 2 sem. hrs.

CHEM 300 Measurement Statistics

Overview of statistics of measurements on chemical systems. Includes characteristics of data which contain random error. Statistics used to describe and summarize trends of measured data will be introduced, as well as a number of statistical tools needed to draw meaningful and objective conclusions based on data. Should be taken simultaneously with Chemistry 301. 1 sem. hr.

CHEM 301 Quantitative Methods of Chemical Analysis

Principles and techniques of chemical and instrumental methods used for quantitative analysis. Includes lecture coverage and extensive laboratory use of gravimetric,

titrimetric, electrochemical and spectroscopic methods. Three lecture and four laboratory hours a week. *Prerequisite:* Chemistry 300 and 317. Chemistry 300 may be taken concurrently. *4 sem. hrs.*

CHEM 302 Spectroscopy and Instrumentation

Principles and techniques of chemical and instrumental methods used for compound identification. Focus on modern instrumental methods for compound structure elucidation and the principles underlying both the spectroscopic methods and the instrumentation itself. Three lecture and four laboratory hours a week. *Prerequisite:* Chemistry 206. *4 sem. hrs.*

CHEM 303 Separations

Principles, theory and techniques central to chemical separation sciences—both classical and instrumental methods used for compound separation and purification, as well as factors important to industrial scalability versus nanoscale applications. Focus on modern theories and implementations of instrumental methods for compound separations and principles underlying instrumentation. Three lecture and four laboratory hours a week. *Prerequisite:* Chemistry 301 or 302. *4 sem. hrs.*

CHEM 308 Statistical Mechanics

(See Physics 308.) *3 sem. hrs.*

CHEM 309-310 Physical Chemistry

Principal laws and theories of chemistry: gas laws and kinetic molecular theory, classical and statistical thermodynamics, wave mechanics and molecular structure, and chemical kinetics. Principles and properties of liquids, solids and solutions, and phase equilibria are examined along with electrochemistry. Three lecture and four laboratory hours a week. *Prerequisites:* Chemistry 141, Physics 132, 133, or 134 and Mathematics 212 or 232. Chemistry 317 is highly recommended. *4-4 sem. hrs.*

CHEM 316 Environmental Chemistry

Study of the fate, transport and distribution of chemicals in the environment. The chemistry of the atmosphere, hydrosphere and geosphere will be covered, highlighting effects of inorganic and organic pollutants. Topics such as global warming, stratospheric ozone depletion, acid rain, photochemical smog and groundwater contamination will be discussed in detail. Three lecture hours a week. *Prerequisite:* Chemistry 205 or permission of instructor. *3 sem. hrs.*

CHEM 317 Inorganic Chemistry

Inorganic chemistry embraces the chemistry of all of the elements. This course will focus on the synthesis and behavior of inorganic materials. As such, it will include certain aspects of thermodynamics, atomic and molecular bonding theories, kinetics, and electrochemical processes

as they pertain to inorganic compounds and materials. Three lecture and four laboratory hours per week. *Prerequisite:* Chemistry 206. *4 sem. hrs.*

CHEM 320 Introduction to Research

Laboratory research experience with a faculty member. *1-3 sem. hrs.*

CHEM 322 Junior Seminar

Regular attendance in departmental seminar program. Normally taken in the junior year. One class hour a week. *Prerequisite:* Chemistry 206. *0 sem. hrs.*

CHEM 326 Biochemistry

Structure and chemistry of biologically important macromolecules and chemical processes involved in cellular synthesis degradation, and assembly of these macromolecules. Three lecture hours a week. (Same as Biology 326.) *Prerequisite:* Chemistry 206. *3 sem. hrs.*

CHEM 327 Biochemistry Lab

Techniques associated with modern biochemistry including protein purification and quantification, kinetic analysis and gene mutation. Three laboratory hours a week. Open only to Biochemistry and Molecular Biology majors or by permission of the instructor. (Same as Biology 327.) *Prerequisites:* Chemistry 206, Chemistry/Biology 326 (CHEM/BIOL 326 may be taken concurrently). *1 sem. hr.*

CHEM 329 Protein Structure, Function and Biophysics

Advanced topics in protein structure, function and biophysics. Commences with brief treatment of essential elements of kinetics, thermodynamics and quantum mechanics necessary for a thorough understanding of topics to be presented later and continues with detailed coverage of enzyme kinetics and ligand binding, chemical modification, site-directed mutagenesis, x-ray crystallography, spectroscopic techniques used to investigate conformation and the folding of proteins, including Circular Dichroism, Fluorescence and NMR; and computational approaches used to compute and visualize both structure and reaction. Second half of course focuses on three classes of proteins and associated themes: i) kinases, phosphatases and regulation, ii) proteases and processes and iii) oligomeric enzymes and allosteric models. Three lecture and three laboratory hours per week. (Same as Biology 329.) *Prerequisite:* Chemistry/Biology 326 and 327. *4 sem. hrs.*

CHEM 341 Advanced Organic Chemistry

Topics include fundamental physical organic concepts, organic reaction mechanisms, examples of syntheses from recent literature, and design of synthetic approaches to target molecules of interest. Three lecture hours a week. *Prerequisite:* Chemistry 206. *3 sem. hrs.*

CHEM 342 Medicinal Chemistry

Provides basic principles of the drug discovery process. Topics include general considerations, mode of action, quantitative structure activity relationships, absorption, distribution, metabolism and inactivation of medicinal agents. In addition, major drug classes will be presented along with specific case studies for each category. *Prerequisite:* Chemistry 206. 3 sem. hrs.

CHEM 401-402 Quantum Mechanics

(See Physics 401-402.) 3-3 sem. hrs.

CHEM 417 Organometallic Chemistry

Overview of the structure, reactivity and applications of organometallic compounds. Topics include main group and transition metal complexes, catalysis, applications to organic synthesis, and bioorganometallic chemistry. *Prerequisite:* Chemistry 317 or permission of instructor. 3 sem. hrs.

CHEM 419 Advanced Inorganic Chemistry

Study of principles of chemistry involved in bonding, structure, properties and reactions of main group metal, transition metal, coordination and organometallic compounds with emphasis on periodic trends, thermodynamic and kinetic factors and symmetry. Three lecture hours a week. *Prerequisites:* Chemistry 317 and 309 (309 may be taken concurrently). 3 sem. hrs.

CHEM 421-422 Senior Seminar

Participation in departmental seminar program, to include regular attendance and one presentation during one of the two semesters. Presentation will include both written and oral component, each prepared on specific topic in chemistry. *Prerequisite:* Chemistry 322. 1-1 sem. hrs.

CHEM 427 Independent Study

In-depth exploration of subjects not included in other courses, done independently but under faculty member's supervision. *Prerequisites:* Four semesters of chemistry and permission of instructor. 1-2 sem. hrs.

CHEM 433 Special Topics

Special course areas covered when sufficient interest exists. Considers subject matter not covered in other chemistry courses. See Chemistry department home page (<http://chemistry.richmond.edu/>) for special topics course descriptions currently scheduled. *Prerequisite:* Permission of instructor. 1-3 sem. hrs.

CHINESE PROGRAM***Department of Modern Literatures and Cultures***

Rose Tan, Director of the Chinese Language Program

This section contains information specific to the degree programs in Chinese. For full information regarding departmental policies relevant to all the Modern

Literatures and Cultures (MLC) degree programs, study abroad, and course sequencing, see the main page of the Department of Modern Literatures and Cultures.

Study Abroad

Study and travel abroad are strongly encouraged for all students. The department offers summer study programs in Argentina, China, France, Germany, Honduras, Japan, Russia and Spain. In addition, there are exchange agreements for study during the academic year in Argentina, France, Germany, Mexico, Quebec, Russia and Spain; others are being negotiated. For a complete list, contact the Office of International Education.

The Chinese Minor

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.7).

Eighteen semester hours language study beyond the intermediate level (202); must include an approved study abroad experience.

COURSES**CHIN 101-102 Elementary Chinese**

Introduction to standard Chinese (Putonghua) and culture, with emphasis on spoken language as it is used today. Both Jiantizi (simplified forms) and Fantizi (complex form) will be taught. Development of basic reading and writing skills. Study of Chinese cultural forms that underlie the language. *Prerequisite:* 101 is prerequisite to 102. 4-4 sem. hrs.

CHIN 201-202 Intermediate Chinese

Reinforcement and expansion of skills in speaking, listening, reading and writing. Appreciation of Chinese culture. *Prerequisites:* Chinese 102 is prerequisite to 201; 201 is prerequisite to 202. 4-4 sem. hrs. (202 only, COM2)

CHIN 301 Conversational Chinese

Development of competent aural, oral communication and writing skills in Chinese, with stress on vocabulary extension, pronunciation and grammatical and communicative accuracy. Materials in relation to business documents and transactions commonly used in China also will be discussed. *Prerequisite:* Chinese 202. 3 sem. hrs.

CHIN 302 Conversational Chinese

(Summer only; taught in China.) Reinforcement of competent aural and oral communication skills in Chinese. Opportunities to interact with native speakers/language partners on a regular basis. *Prerequisite:* Chinese 202. 3 sem. hrs.

CHIN 311 Insights into Chinese Culture

Introduction to major current issues and influential figures on political, social and, in particular, cultural

scenes of China, Hong Kong and Taiwan, with reference to relevant historical background. *Prerequisite:* Chinese 202. 3 sem. hrs.

CHIN 312 Insights into Chinese Culture

(Summer only; taught in China). Reinforcement of communicative language skills, reading and writing. Emphasis on major current issues and cultural scenes of China and Hong Kong, with reference to relevant historical background. Students will be participating in various field trips. *Prerequisite:* Chinese 202. 3 sem. hrs.

CHIN 401-402 Advanced Chinese Language, Literature and Culture

This course prepares for more advanced study of Chinese through rigorous vocabulary expansion, more sophisticated language usage patterns, and introduction to basics of formal and literary styles. Materials are designed to advance the student's fluency for everyday communicative tasks as well as reading skills. *Prerequisites:* Chinese 301 and 311 or permission of the instructor. 3-3 sem. hrs.

CHIN 495 Independent Study

Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of instructor. 1-3 sem. hrs.

CHIN 497 Selected Topics

Special interest topics offered at department's discretion. Recent topics include Contemporary Readings in Culture, Literature and History; and Romance. *Prerequisite:* Chinese 301 or permission of instructor. 1-3 sem. hrs.

CLASSICAL CIVILIZATION

The Classical Civilization Major

Note: The grade point average of the coursework comprising the major must be no less than 2.00 with no course grade below C- (1.7).

Thirty-three semester hours, including:

- CLSC 305 Greek and Roman Values or CLSC 306 The Classical Tradition, 3 hours
- CLCV 498 Major Seminar, 3 hours
- 27 hours of electives, chosen with the advice of an advisor from the faculty of the Department of Classical Studies or the Classical Civilization Advisory Committee and with the approval of the program coordinator.

Although each student plans his or her major according to individual interests, the following emphases are recommended possibilities: Greek and Roman archaeology; Classical and Medieval history; Classical, Medieval and Renaissance literature; and the Classical Tradition in art history, literature and philosophy. For examples of such major programs, see the coordinator.

A faculty member selected by the coordinator shall be involved in the on-going advising of each major. Courses may be selected from courses offered by the Department of Classical Studies and from those courses preapproved as belonging to the Classical Civilization major, or other courses approved by the coordinator. All courses selected must be appropriate to the emphasized area.

The Classical Civilization Minor

Eighteen semester hours approved by the coordinator, of which at least 12 must be in the Department of Classical Studies and the remainder from the courses listed or other courses approved by the coordinator. Latin and Greek courses may not be counted toward this minor.

See the departmental listings for descriptions of the following courses offered for Classical Civilization credit:

Anthropology

ANTH 101 Introduction to Cultural Anthropology

Art History

ART 221 Survey I: Prehistory through the Middle Ages
 ART 309 Image and Icon in Medieval Art
 ART 310 Late Antique and Early Christian Art
 ART 311 Medieval Byzantine Art, 600-1453
 ART 312 Medieval Art in Western Europe, 8th-15th Centuries
 ART 314 Northern Renaissance Art
 ART 315 Art of the Italian Renaissance
 ART 316 Art in the Age of Reform
 ART 322 Museum Studies

English

ENGL 226 Love and War in Medieval Literature
 ENGL 234 Shakespeare
 ENGL 301 Literature of the Middle Ages
 ENGL 302 Literature of the English Renaissance
 ENGL 304 Shakespeare
 ENGL 305 Critical Approaches to Shakespeare
 ENGL 306 Milton
 ENGL 310 Topics in British Literature before 1660
 ENGL 338 Versions of Tragedy
 ENGL 339 Epic Tradition
 ENGL 390 Interdisciplinary Studies in the Middle Ages and Renaissance

History

HIST 220 The Aegean Bronze Age
 HIST 221 Classical Greece
 HIST 222 Hellenistic Greece and Republican Rome
 HIST 223 The Roman Empire
 HIST 225 Medieval Italy
 HIST 226 Early Middle Ages
 HIST 227 High Middle Ages
 HIST 228 Renaissance

Philosophy

- PHIL 271 Ancient Greek Philosophy
 PHIL 281 Philosophy of Art

Political Science

- PLSC 311 Political Theory: Plato to Locke

Religion

- RELG 200 Symbol, Myth and Ritual
 RELG 230 The History of Israel
 RELG 241 Introduction to Early Christian Era
 RELG 243 The World of the New Testament
 RELG 258 Medieval Religious Thought
 RELG 331 The Hebrew Prophets
 RELG 332 Hebrew and Christian
 Wisdom Literature
 RELG 340 Varieties of Early Christianity
 RELG 341 Paul and Christian Origins
 RELG 342 John in Early Christian Literature
 RELG 360 Goddess Traditions Ancient
 and Modern

Rhetoric and Communication Studies

- RHCS 323 Classical Rhetoric
 RHCS 325 Medieval to Modern Rhetorics

COURSES**CLCV 498 Major Seminar**

Study of research strategy and methodology inherent in classical civilization. Preparation of research paper.
Prerequisite: Permission of coordinator. *3 sem. hrs.*

CLASSICAL STUDIES*Department of Classical Studies*

Dean W. Simpson, Chair

Associate Professors Laskaris, Simpson, Stevenson

The Department of Classical Studies offers majors and minors in both Greek and Latin.

Combined Major in Classical Studies and English Literature

The combined program in Classics and English is intended for students who wish to pursue in-depth work in both literary traditions.

The following courses are designed for the student who is interested in the cultures and literatures of Greece and Rome. Knowledge of Greek or Latin is not required. While these courses do not fulfill the language communication skills requirement, courses so designated meet various fields-of-study requirements.

COURSES**CLSC 201 Classical Elements in the English Language**

Vocabulary development and use of English through study of Greek and Latin elements in English. *3 sem. hrs.*

CLSC 205 Greek and Roman Mythology: Epic

Selected mythic themes in Greek and Roman epic literature from Homer to Ovid. Emphasis on myths prominent in Western literature. *3 sem. hrs. (FSLT)*

CLSC 207 Greek Magic

Exploration of magic as a means to understanding and affecting the natural world. Major topics include erotic magic, dreams and divination, ritual purification, sacred plants and healing. *3 sem. hrs.*

CLSC 208 Mythology: Greek Drama

Study of myths preserved in Greek dramas, and historical and literary analysis of these plays. *3 sem. hrs. (FSLT)*

CLSC 209 The Built Environment

(See Urban Practice and Policy 209.) *3 sem. hrs.*

CLSC 301 Greek Art and Archaeology

Architecture, painting and sculpture of Greece; the techniques by which these were produced and are reclaimed and displayed. *3 sem. hrs. (FSVP)*

CLSC 302 Roman Art and Archaeology

Architecture, painting and sculpture of Roman world. *3 sem. hrs. (FSVP)*

CLSC 304 The Feminine in Greco-Roman Literature

Concept of the feminine as seen in major works of Greek and Roman poetry, prose and drama. *3 sem. hrs. (FSLT)*

CLSC 305 Greek and Roman Values

Investigation of ancient Greco-Roman values, artistic, religious, political and personal, as found in eclectic survey of unusual primary texts. Focuses on methods of understanding these distant and relatively well-preserved civilizations. *3 sem. hrs. (FSHT)*

CLSC 306 The Classical Tradition

Legacy of classical Greece and Rome in medieval, renaissance and modern worlds. *3 sem. hrs. (FSHT)*

CLSC 307 Myth and Film

Study of use of ancient myth in modern cinema. *3 sem. hrs.*

CLSC 308 Women in Greece and Rome

Structure of Greek and Roman societies based on analysis of the position of women within them. Comparison with other disenfranchised groups, particularly ethnic minorities. *3 sem. hrs. (FSSA)*

CLSC 312 The Land of Hellas: Ancient**Topography— Modern Legacy**

(Summer only taught abroad.) Study of ancient remains of Bronze Age and Classical Greece and their role as a binding force for the ethnic and national identity of the modern country. *3 sem. hrs.*

CLSC 388 Individual Internship

Supervised independent work. *Prerequisite:* Permission of department. 3 sem. hrs.

CLSC 398 Selected Topics

Topics or themes in Classics. *Prerequisite:* Permission of department. 3 sem. hrs.

CLSC 499 Independent Study

Content adapted to requirements and interests of participant. *Prerequisite:* Permission of department. 1-3 sem. hrs.

COGNITIVE SCIENCE

Scott Allison, Coordinator

Cognitive science is the interdisciplinary study of the structures and functions of the human mind. Cognitive science investigates such topics as our sensory/perceptual apparatus, including vision, audition, olfaction; internal mental processes such as language, thinking, reasoning and problem solving; motor control and the organization of skilled behavior such as speech and musical performance; memory; consciousness; attention; and many other aspects of the human mind. Cognitive science requires a multi-disciplinary approach and includes such fields as psychology, biology, neuroscience, philosophy, anthropology, linguistics, sociology and computer science.

The Cognitive Science Major

Note: The grade point average of the coursework comprising the major must be no less than 2.00 with no course grade below C- (1.70).

Thirty-eight to 52 hours, distributed as follows:

Required

- PSYC 100 Introduction to Psychology
- PSYC 200 Psychology Research Methods and Analyses
- PSYC 331 Neuroscience Theory
- PSYC 332 Neuroscience Methods and Analyses
- PSYC 333 Cognitive Science Theory
- PSYC 334 Cognitive Science Methods and Analyses

Two additional foundation courses chosen from

- BIOL 201 Genetics
- MLC 350 Linguistics
- CMSC 101 Minds and Machines
- CMSC 150 Introduction to Computing or CMSC 155 Introduction to Scientific Computing
- PHIL 370 Philosophy of Mind

One advanced senior-level course chosen from

- BIOL 391 Senior Seminar
- CMSC 395 Artificial Intelligence
- PHIL 380 Topics Seminar (subject to approval of Cognitive Science Coordinator)

- PSYC 449 Advanced Seminar

Four electives chosen from

- ANTH 101 Introduction to Cultural Anthropology
- BIOL 343 Neurobiology
- BIOL 350 Independent Research
- CMSC 221 Data Structures
- CMSC 301 Computer Organizations
- CMSC 340 Independent Research
- PHIL 251 Symbolic Logic
- PHIL 390 Independent Research
- PSYC 361 Independent Research
- PSYC 449 Psychology of Gender

The Cognitive Science major is offered as a Bachelor of Arts degree only.

COMBINED MAJORS

Designated faculty members from each department will advise students upon declaration and as they progress through the major.

The combined majors offer options for students who want to combine in-depth study in two different areas.

English/Classics

Combined major in English and Classics

Required: Sixteen courses (54 hours), including a senior writing project, distributed as follows:

Classics

Eight courses (24 hours)

- CLSC 305 Greek and Roman Values or 306 The Classical Tradition
- CLSC 205 Greek and Roman Mythology: Epic
- CLSC 208 Mythology: Greek Drama
- Two other literature classes in Classics (may include language classes at the 200 level or higher)
- A minimum of three other Classics Department courses

English

Seven courses (28 hours), to include

- One 200-level FSLT course and
- Six courses at the 300 and 400 levels, including
 - One course in pre-1660 British literature
 - One course in British literature from 1660-1900
 - One Junior/Senior Seminar, and
 - A minimum of three courses from a list to be determined by the student's advisor

Senior Writing Project

A senior writing project (taken for two credit hours as IDST 379) on a comparative topic dealing with literatures in Latin or Greek and English will be required. The paper will be 20-30 pages long and will make significant use of primary and secondary sources. A two hour writing project course cross-listed in both

departments will be additional to the courses listed above. The writing project will have two advisors, one from the English Department and one from the Classics Department. By the beginning of senior year, the student should designate one of the advisors as the primary advisor, and this advisor will have primary responsibility for determining the student's grade on the writing project. If there is sharp disagreement between the two advisors over the final grade, the primary advisor's departmental chairperson will appoint a third reader/grader, whose decision will break the deadlock between the first and second advisors.

English/French

Combined major in English and French

Required: Fourteen courses (54 hours), including a senior writing project/portfolio (two hours) distributed as follows (students have the option of taking six courses in English and seven in French, or seven in English and six in French):

French

Six or seven courses (24 or 28 hours)

- FREN 305 French Composition
- Two courses selected from:
 - FREN 321 Introduction to French Literature: Poetry
 - FREN 322 Introduction to French Literature: Theater
 - FREN 323 Introduction to French Literature: Prose
 - FREN 324 Introduction to French Literature: Francophone
- Three 400-level courses in literature/culture
- One elective at the 300 or 400 level (students taking a total of six courses in French will not need an elective)

English

Six or seven courses (24 or 28 hours) at the 300 and 400 levels. (Prerequisite to all advanced English courses: a 200-level FSLT English course OR French 321, 322 or 323.)

- One course in British literature before 1660
- One course in British literature between 1660 and 1900
- One course in American literature
- Three electives at the 300 level
- One Junior/Senior Seminar

Senior Writing/Portfolio Project

Senior Writing/ Portfolio Project (taken for two credit hours as IDST 379) Senior writing project on a comparative topic dealing with literatures in English and in French, 20-30 pages, written in English or in French, making significant use of primary and secondary materials in both languages, conducted through independent study. During the senior year, students

also will present a portfolio documenting significant achievements in their studies and including a reflective self-assessment of their work in the major.

Designated faculty members from each department will advise students upon declaration and as they progress through the major. Study abroad in a French-speaking country is very strongly recommended.

English/German

Combined major in English and German

Required: Fourteen courses (54 hours), including a senior writing project, distributed as follows:

German

Six courses (24 hours)

- GERM 311 German Culture and Civilization
- GERM 321 Introduction to German Literature
- Three 400 level courses
- One elective, either an MLC course with a LAC in German or a 400-level German course

English

Seven courses (28 hours) at the 300 and 400 levels. (Prerequisite to all advanced English courses: a 200-level FSLT English course OR German 321.)

- One course in British literature before 1660
- One course in British literature between 1660 and 1900
- One course in American literature
- Three electives at the 300 level
- One Junior/Senior Seminar

Senior Research Project (taken for two credit hours as IDST 379)

Senior writing project on a comparative topic dealing with literatures in English and in German, written in English or in German, making significant use of primary and secondary materials in both languages, conducted through independent study.

Designated faculty members from each department will advise students upon declaration and as they progress through the major. Study abroad in a German-speaking country is very strongly recommended.

English/Greek

Combined major in English and Greek

Required: Sixteen courses (54 hours), including a senior writing project, distributed as follows:

Greek

Eight courses (24 hours)

- CLSC 306 The Classical Tradition
- Seven courses in Greek language and literature

English

Seven courses (28 hours), to include

- A 200-level FSLT course and
- Six courses at the 300 and 400 levels, including
 - One course in pre-1660 British literature

- One course in British literature from 1660-1900
- One Junior/Senior Seminar, and
- A minimum of three courses from a list to be determined by the student's advisor

Senior Writing Project

A senior writing project (taken for two credit hours as IDST 379) on a comparative topic dealing with literatures in Greek and English will be required. The paper will be 20-30 pages long and will make significant use of primary and secondary sources. The writing project will have two advisors, one from the English Department and one from the Classical Studies Department. By the beginning of senior year, the student should designate one of the advisors as the primary advisor, and this advisor will have primary responsibility for determining the student's grade on the writing project. If there is sharp disagreement between the two advisors over the final grade, the primary advisor's departmental chairperson will appoint a third reader/grader, whose decision will break the deadlock between the first and second advisors.

English/Latin

Combined major in English and Latin

Required: Sixteen courses (54 hours), including a senior writing project, distributed as follows:

Latin

Eight courses (24 hours)

- Classics 306 The Classical Tradition
- Seven courses in Latin language and literature

English

Seven courses (28 hours), to include

- 200-level FSLT course and
- Six courses at the 300 and 400 level, including
 - One course in pre-1660 British literature
 - One course in British literature from 1660-1900
 - One Junior/Senior Seminar
 - A minimum of three courses from a list to be determined by the student's advisor

Senior Writing Project

A senior writing project (taken for two credit hours as IDST 379) on a comparative topic dealing with literatures in Latin and English will be required. The paper will be 20-30 pages long and will make significant use of primary and secondary sources. The writing project will have two advisors, one from the English Department and one from the Classical Studies Department. By the beginning of senior year, the student should designate one of the advisors as the primary advisor, and this advisor will have primary responsibility for determining the student's grade on the writing project. If there is sharp disagreement between the two advisors over the final grade, the primary advisor's departmental chairperson will appoint a third

reader/grader, whose decision will break the deadlock between the first and second advisors.

English/Russian

Combined major in English and Russian

Required: Fourteen courses (54 hours), including a senior writing project, distributed as follows:

Russian

Six courses (24 hours)

- RUSN 311 Russian Language in Culture
- RUSN 321 Introduction to 19th-Century Russian Literature
- RUSN 322 Introduction to 20th-Century Russian Literature
- Two 300- 400-level courses, selected from:
 - RUSN 421 Russian literature in the original (poetry or genre)
 - RUSN 422 Russian literature in the original (prose)
 - Russian literature (selected from approved courses offered in St. Petersburg, Richmond Study Abroad program)
 - RUSN 497 ST: Tolstoy, Dostoevsky, or Film and Russian Literature
- One elective at the 300 or 400 level: RUSN 312, Russian Culture and Civilization, or another from relevant offerings in a number of departments (classics, religion, philosophy, art) depending on the focus of the student's comparative topic.

English

Seven courses (28 hours) at the 300 and 400 levels. (Prerequisite to all advanced English courses: a 200-level FSLT English course.)

- One course in British literature before 1660
- One course in British literature between 1660 and 1900
- One course in American literature
- Three electives at the 300 level
- One Junior/Senior Seminar

Senior Writing/Portfolio Project (taken for two credit hours as IDST 379)

Senior writing project on a comparative topic dealing with literatures in English and in Russian, 20-30 pages, written in English or in Russian, making significant use of primary and secondary materials in both languages, conducted through independent study. During the senior year, students also will present a portfolio documenting significant achievements in their studies and including a reflective self-assessment of their work in the major.

Designated faculty members from each department will advise students upon declaration and as they progress through the major. Study abroad in a Russian-speaking country is very strongly recommended.

English/Theatre

Combined Major in English and Theatre

Required: Fifteen-17 courses (54 hours) including a senior writing project, distributed as follows:

Theatre

Seven courses (24 hours)

- THTR 309 Theatre History I or THTR 319 Theatre History II
- THTR 205 Production Studies I
- THTR 306 Production Studies II or THTR 407 Production Studies III
- THTR 202 Lighting Design or THTR 206 Costume Design or THTR 301 Scene Design
- THTR 212 Basics of Acting or THTR 308 Basics of Directing
- THTR 327 Acting Shakespeare I
- THTR 328 Acting Shakespeare II

English

Five courses (20 hours)

- Any 200-level English course except ENGL 234
- One 300-level course in British literature between 1660 and 1900
- One 300-level course in American literature
- One Junior/Senior Seminar
- ENGL 304 Shakespeare or ENGL 305 Critical Approaches to Shakespeare

Theatre and English

One course (3-4 hours) selected from the following:

- THTR 370 Staging Gender, THTR 210 Performing Diversity, or THTR 320 Twentieth-Century Acting Styles and Theory
- Any 300-level English course

Two or three electives (eight-nine hours) as needed to bring the course total to 54 hours, selected from the following:

- Any additional THTR course
- Any additional 300-level English course
- ENGL 398 Independent Study

Capstone Project (two hours)

A capstone project (taken for two hours as IDST 379) on a topic related to both theatre and English will be required. The project will be supervised by a faculty member from either theatre or English and read by a member of each department. When a student declares the combined major, he or she will be assigned an advisor in each department. Each advisor will be responsible for advising the student on the selection of courses in the advisor's department.

Please note the following caveats:

1. No single course can count in two categories.
2. Students in the combined major cannot also minor in Theatre or English.

English/Women, Gender and Sexuality Studies

Combined major in English and Women, Gender and Sexuality Studies

Required: Fifteen courses (53 hours), including a senior writing project, distributed as follows:

English

Minimum 28 hours, to include

- 200-level FSLT course and
- Six courses at the 300 and 400 level, including
 - One course in British literature prior to 1660
 - One course in British literature between 1660 and 1900
 - One course in American literature
 - One Junior/Senior Seminar
 - A minimum of two additional courses at the 300 level or above

Women, Gender and Sexuality Studies

The following Women, Gender and Sexuality Studies and cross-listed courses will be required (minimum 23 hours):

- WGSS 200 Introduction to Women, Gender & Sexuality Studies
- WGSS 221 Introduction to Feminist Political Theory
- One course in advanced gender or feminist theory
- One course in women's history
- A minimum of three additional Women, Gender and Sexuality Studies or cross-listed courses (not from the English department) at or above the 300 level

No more than three hours of internship credit will be counted towards the combined major.

Senior Writing Project

A senior writing project (taken for two credits as IDST 379) on a topic related to Women, Gender and Sexuality Studies and English will be required. This course will be cross-listed in both departments and is in addition to the courses listed above. The thesis will have two readers, one from the English department and one, approved by the Women, Gender & Sexuality Studies Board, not from the English department.

COMPUTER SCIENCE

Department of Mathematics and Computer Science

B. Lewis Barnett III, Chair

Professors Charlesworth, Davis, J. Hubbard, Ross

Associate Professors Barnett, Caudill, Fenster, Greenfield, Hoke, Kerckhove, Nall, Szajda

Assistant Professors Lawson, Owen, Shaw, Trapp

Director of Computer Science Laboratories A. Hubbard

Students are strongly advised to consult with faculty in planning their major or minor curricula.

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no Computer Science course grade below C- (1.70).

The Computer Science Major for the Bachelor of Arts degree:

- Computer Science 150 or 155
- Computer Science 221
- Computer Science 222
- Computer Science 301
- Computer Science 315
- Computer Science 323
- Sufficient additional three-hour (or more) Computer Science courses at the 300 level to total at least 10 hours. Without departmental approval, no more than one of these courses can be an Independent Study course.
- Mathematics 211 or 231 and
- Mathematics 245

The Computer Science Major for the Bachelor of Science degree:

- Computer Science 150 or 155
- Computer Science 221
- Computer Science 222
- Computer Science 301
- Computer Science 315
- Computer Science 323
- Sufficient additional three-hour (or more) Computer Science courses at the 300-level to total at least 10 hours. Without departmental approval, no more than one of these courses can be an Independent Study course.
- Mathematics 211 or 231
- Mathematics 212 or 232
- Mathematics 245
- Two three-hour courses at the 300 level or above in Mathematics or two three-hour (or more) courses beyond the introductory level in one of the following fields: Physics (200 level or above), Chemistry (200 level or above), or Biology (beyond 201-205).

The Computer Science Minor

- Computer Science 150 or 155
- Computer Science 221
- Computer Science 222
- Computer Science 301
- One additional three- or four-hour Computer Science course for which Computer Science 222 is a prerequisite.

COURSES

CMSC 101 Minds and Machines

Formal deduction in propositional logic. The fundamentals of computer architecture. An elementary exploration of extent to which symbolic reasoning can be automated, including a consideration of related results in fields such as neuroscience and artificial intelligence.

4 sem. hrs. (FSSR)

CMSC 105 Elementary Programming

Solving problems by writing computer programs. Introduction to computer architecture. Emphasis on symbolic reasoning using examples from a particular computing context. For nonmajors. Not open to students who have completed a computer science course that fulfills major requirements. *3 sem. hrs. (FSSR)*

CMSC 108 Digital Artmaking

Introduction to digital art, including its brief history and how to use it as an art medium. Interdisciplinary course provides basic background to the field of computer technology-based artmaking combined with the studio experience of using this technology to create art. *3 sem. hrs. (FSVP)*

CMSC 150 Introduction to Computing

Techniques for writing computer programs to solve problems. Topics include elementary computer organization, object-oriented programming, control structures, arrays, methods and parameter passing, recursion, searching, sorting, file I/O. Three lecture and two laboratory hours a week. A student may not receive credit for both Computer Science 150 and 155. Students who have received credit for courses numbered 221 or higher may not take 150 for credit. *Prerequisite:* None, however, strong mathematics aptitude usually predicts success in computer science. *4 sem. hrs. (FSSR)*

CMSC 155 Introduction to Scientific Computing

Same course as Computer Science 155 but with greater emphasis on programming applications in the sciences. A student may not receive credit for both Computer Science 150 and 155. Students who have received credit for courses numbered 221 or higher may not take 155 for credit. *Prerequisite:* Math 211 or 231. *4 sem. hrs. (FSSR)*

Note: Knowledge of the topics of Computer Science 150 or 155 is prerequisite to all higher numbered Computer Science courses. Students who have obtained this knowledge through a high school or some other course are permitted to begin with Computer Science 221.

CMSC 195 Special Topics

Special topics satisfying neither major nor minor requirements. 1-3 sem. hrs.

CMSC 221 Data Structures with Lab

Introduction to data structures, including stacks, queues, linked lists, and binary trees. Topics include abstraction, object-oriented programming, recursion and computational complexity. Three lecture and two laboratory hours a week. *Prerequisite:* Computer Science 150 or 155. 4 sem. hrs. (FSSR)

CMSC 222 Discrete Structures for Computing

Sets, functions, elementary propositional and predicate logic, proof techniques (including mathematical induction and proof by contradiction), elementary graph theory, matrices, recurrence relations, combinatorics, and probability, with applications to computing. *Corequisite:* Computer Science 221. 3 sem. hrs.

CMSC 288 Computer Science Apprenticeship

Participation in development of software, with supervision of computer science faculty. Fifty hours work for one hour of credit. *Prerequisite:* Computer Science 221 and permission of department. Does not count for Computer Science major or minor. No more than a total of 12 semester hours of Computer Science 288 may count toward the total number of hours required for a degree. 1-2 sem. hrs.

Note: Many 300-level courses in computer science include a "consulting laboratory." This is an instructor-designed, organized and supervised component of the course that may occur as a fourth hour of lecture or as an extra course component scheduled outside of the lecture period. Scheduling and format will be discussed at the first class session. The format may vary by instructor and course. Students are urged to contact the instructor prior to registration if they have questions about the laboratory.

CMSC 301 Computer Organization

Fundamentals of computer organization with focus on machine and assembly language levels. Topics include Boolean algebra, digital logic, data representations, study of a modern processor's architecture and assembly language, and creation of simulators and assemblers. Consulting laboratory. *Prerequisite:* Computer Science 221. 4 sem. hrs.

CMSC 315 Algorithms

Design, analysis and implementation of advanced computer algorithms. Emphasis is given to problem solving techniques, including the greedy method, divide-and-conquer and dynamic programming. Specific problem domains vary. Topics may include sorting, graphs, networks, computational geometry, NP-completeness, approximation algorithms, text

processing, distributed systems and numerical algorithms. Consulting laboratory. *Prerequisite:* Computer Science 222. 4 sem. hrs.

CMSC 321 Operating Systems

Structure of operating systems, process management, memory management, file systems and case studies. Consulting laboratory. *Prerequisites:* Computer Science 222 and 301. 4 sem. hrs.

CMSC 322 Software Engineering Practicum

Project-oriented course. Principles of software engineering will be emphasized throughout. Consulting laboratory. *Prerequisites:* Senior standing or two courses at the 300 level that have Computer Science 315 or 301 as a prerequisite. 4 sem. hrs.

CMSC 323 Design and Implementation of Programming Languages

Concepts in design and implementation of programming languages, including compile-time and run-time issues. Support for block-structured procedural languages, object-oriented languages and functional languages. Consulting laboratory. *Prerequisites:* Computer Science 301 and 315. 4 sem. hrs.

CMSC 325 Database Systems

Introduction to systematic management of data: design and implementation of relational database systems, data modeling, normalization, indexing, relational algebra, query processing and transaction management. Programming projects include substantial use of SQL and its extensions. Consulting laboratory. *Prerequisites:* Computer Science 221 and 222. 4 sem. hrs.

CMSC 328 Numerical Analysis

(See Mathematics 328.) 3 sem. hrs.

CMSC 330 Theory of Computation

Finite state machines, regular languages, push down automata and context-free languages. Turing machines, recursive functions and related topics. Consulting laboratory. *Prerequisite:* Computer Science 315. 4 sem. hrs.

CMSC 331 Introduction to Compiler Construction

Regular languages, context-free languages, finite automata, push-down automata, lexical analysis, parsing, intermediate representation and code generation. Consulting laboratory. *Prerequisites:* Computer Science 222 and 301. 4 sem. hrs.

CMSC 332 Computer Networks

Principles and techniques for data communication between computers. Topics include design and analysis of communication protocols, routing, congestion control, network-centric applications, and recent advances. Consulting laboratory. *Prerequisite:* Computer Science 301. 4 sem. hrs.

CMSC 333 Parallel Programming

Principles and techniques for programming computers that have multiple processors. Writing programs for parallel computers that enhance run-time efficiency, portability, correctness and software modifiability. Consulting laboratory. *Prerequisites:* Computer Science 222 and 301. *4 sem. hrs.*

CMSC 335 Computer Graphics

Device independent two- and three-dimensional computer graphics, interactive graphics, user interfaces and human factors. Consideration of advanced modeling and rendering. Consulting laboratory. *Prerequisites:* Mathematics 245 and Computer Science 222. *4 sem. hrs.*

CMSC 340 Directed Independent Study

To enable well-qualified students who have completed basic requirements for major to work independently in areas not included in curriculum. *Prerequisites:* Permission of departmental chair and instructor. *1-3 sem. hrs.*

CMSC 395 Special Topics

Selected topics in computer science. *Prerequisite:* Permission of instructor. *1-4 sem. hrs.*

CMSC 420 Senior Research

1-3 sem. hrs.

CORE COURSE

Raymond F. Hilliard, Coordinator (English)

This course provides an intensive introduction to critical analysis at the college level for first-year students. Students examine important primary texts from a number of world cultures and historical periods. The course's primary concern is to develop students' ability to analyze texts and to express their ideas about these texts and about the issues they raise. The course is required of all first-year students.

COURSES**CORE 101-102 Exploring Human Experience**

Intensive reading and analysis of important primary texts dealing with basic issues of human existence. Strong emphasis on discussion and writing. To be taken in consecutive semesters during the first year. *3-3 sem. hrs.*

CRIMINAL JUSTICE***Sociology and Anthropology Department***

Joan L. Neff, Coordinator (Sociology)

The Criminal Justice Major

The criminal justice major is an interdisciplinary program designed to provide students with a basic understanding of significant issues in the criminal justice system. Students majoring in criminal justice

select courses together with their advisor, Dr. Joan L. Neff, coordinator of the program. Upon completion of the major, students are prepared to enter a variety of fields, such as law enforcement, correctional counseling, probation and parole counseling, and criminal justice administration. In addition, many students elect to continue their education by pursuing graduate degrees in criminal justice, public administration, social work, sociology or law.

Requirements: Thirty-six semester hours, including

- One course in Philosophy (220, 260 or 364)
- One course in Political Science (331, 333 or 337)
- Sociology 310 Crime and Justice in a Post-Modern Society
- Sociology 311 Juvenile Delinquency, or 206 Conformity, Deviance, and Institutions of Social Control
- Criminal Justice 490 Senior Seminar
- Twelve hours from Group A selected in consultation with the department coordinator
- Nine hours from Group B selected in consultation with the department coordinator, with careful consideration given to the student's graduate study or career objectives and the potential for double majors or minors in other disciplines

The Criminal Justice Minor

Requirements: Eighteen hours including

- One course in Philosophy (220, 260 or 364)
- One course in Political Science (331, 333 or 337)
- Sociology 310 Crime and Justice in a Post-Modern Society
- Sociology 311 Juvenile Delinquency, or 206 Conformity, Deviance, and Institutions of Social Control
- Criminal Justice 490 Senior Seminar
- One additional elective from Group A

Note: Students are responsible for completing all prerequisites for courses that are part of the criminal justice program.

Group A: Core Courses***Criminal Justice***

CJ 320	Fundamentals of Criminal Law
CJ 321	Fundamentals of Criminal Procedure
CJ 379	Selected Topics
CJ 388	Individual Internship
CJ 400	Directed Independent Study
CJ 450	Research Practicum
CJ 490	Criminal Justice Senior Seminar

Philosophy

PHIL 220	Contemporary Moral Issues
PHIL 260	Philosophical Problems in Law and Society
PHIL 364	Philosophy of Law

Political Science

- PLSC 331 Constitutional Law
 PLSC 333 Civil Rights/Civil Liberties
 PLSC 337 The American Legal System

Psychology

- PSYC 317 Psychopathology
 PSYC 436 Developmental Psychopathology

Sociology

- SOC 206 Conformity, Deviance and Institutions of Social Control
 SOC 310 Crime and Justice in a Post-Modern Society
 SOC 311 Juvenile Delinquency
 SOC 313 Field Investigation of the Juvenile and Adult Criminal Justice Systems
 SOC 324 Law and Society

Group B: Related Courses

Note: These electives must be selected in consultation with the program coordinator.

Accounting

- ACCT 201 Fundamentals of Financial Accounting
 ACCT 202 Fundamentals of Managerial Accounting

Mathematics

- MATH 119 Statistics for Social and Life Sciences

Political Science

- PLSC 260 Introduction to Public Policy
 PLSC 303 Metropolitan Problems and Politics
 PLSC 372 Methods for Public Opinion Research
 PLSC 373 Methods for Public Policy Research

Psychology

- PSYC 200 Methods and Analysis
 PSYC 311-312 Child Development
 PSYC 313-314 Social Psychology
 PSYC 435 Advanced Personality and Social Psychology

Rhetoric and Communication Studies

- RHCS 102 Interpersonal Communication
 RHCS 201 Argumentation and Debate
 RHCS 309 Persuasion

Sociology

- SOC 211 Sociological Research Methods and Data Analysis
 SOC 216 Social Inequalities
 SOC 316 Race and Ethnicity in America

COURSES**CJ 320 Fundamentals of Criminal Law**

Overview of general structure of substantive aspects of criminal law in the United States. Analyzes concepts of law and crime. Discusses objectives of criminal law and distinction between crimes and civil wrongs. *Prerequisite:* One of the following: Political Science 331, 333, or 337; Sociology 310 or 311; or permission of program coordinator. *3 sem. hrs.*

CJ 321 Fundamentals of Criminal Procedure

Overview of procedural aspects of criminal law in the United States. Focuses on processing of criminal cases through the legal system and rules applied and decisions made at each point in the process. *Prerequisite:* One of the following: Political Science 331, 333, or 337; Sociology 310 or 311; or permission of program coordinator. *3 sem. hrs.*

CJ 379 Criminal Justice: Selected Topics

Varying topics of current relevance and interest in the field of criminal justice. May be repeated for credit if topics differ. *Prerequisite:* One of the following: Political Science 331, 333, or 337; Sociology 206, 310, 311, 313, 324; or permission of program coordinator. *3 sem. hrs.*

CJ 388 Individual Internship

Prerequisite: Permission of program coordinator. *1-6 sem. hrs.*

CJ 400 Directed Independent Study

Individually designed in-depth study of a specific topic in criminal justice. Not available for minor credit. *Prerequisite:* Permission of program coordinator. *1-3 sem. hrs.*

CJ 450 Research Practicum

Student-designed research project. Not available for minor credit. *Prerequisite:* Permission of program coordinator. *3 sem. hrs.*

CJ 490 Criminal Justice Senior Seminar

In-depth discussion and analysis of major components of the criminal justice system: police, courts and corrections. *Prerequisite:* Senior status in the Criminal Justice major or minor, or permission of program coordinator. *3 sem. hrs.*

DANCE**Department of Theatre and Dance**

Walter Schoen, Chair

Associate Professors Holland, Mike, Schoen, West

Director of Costume and Makeup Allen

Assistant Director of Costume and Makeup Pope

Director of Dance Daleng

Assistant Director of Dance Van Gelder

Each year two professional guest artists join the faculty to work with students and in productions. Additional professionals from the field also are employed as adjunct faculty members. Upper-level courses are taught on a rotating basis.

The Dance Minor

Twenty-one semester hours to include the following:

- THTR 202 Stage Lighting, or THTR 212 Basics of Acting, 3 hours

- DANC 250 Dance History, 3 hours
- DANC 255 Choreography, 3 hours
- Two courses in Performance Dance: DANC 256, 257, 259, 260, 261, 262, 263, 266, 306, 361, 362, 363, or 366, 6 hours
- One course in Technical Theatre/Design: THTR 201, 202, 206, 213, 301, or 302, 3 hours
- Elective in Dance or Theatre, 3 hours

Limitations: No course credit hours can be counted twice. Theatre 330-341 (Practica) cannot be counted in the Dance minor. Theatre 388 (Individual Internship) cannot be counted toward the Dance minor.

Related Concentration

See Interdisciplinary Concentration in Arts Management for Studio Art, Art History, Music, Theatre and Dance Majors or Minors

COURSES

DANC 250 Dance History

Study of the development of dance from its primitive beginnings to present. Students will create dance sequences in movement labs. *3 sem. hrs. (FSVP)*

DANC 255 Choreography

Study of choreographic process covering fundamentals of movement composition. Studio time includes improvisation and choreography. *Prerequisite:* Departmental approval. *3 sem. hrs. (FSVP)*

DANC 256 Beginning Jazz Dance

Introduction to jazz dance as an eclectic form of artistic expression with emphasis on rhythm and technique. *3 sem. hrs. (FSVP)*

DANC 257 Beginning Ballet

Introductory course in ballet as a theatrical art form. Study of basic ballet terminology, understanding of correct body placement, and a general knowledge of performing elementary ballet technique. *3 sem. hrs. (FSVP)*

DANC 259 Beginning Tap Dance

Introduction to tap dance, a theatrical form of artistic expression with development of a movement vocabulary based on rhythms made with taps. *3 sem. hrs. (FSVP)*

DANC 260 Beginning Modern Dance

Introduction to modern dance as a diverse form of expression with development of language of movement. *3 sem. hrs. (FSVP)*

DANC 261 Intermediate Jazz Dance

Continuation of beginning jazz, emphasizing intermediate technique, vocabulary and style. *Prerequisite:* Previous jazz technique. *3 sem. hrs.*

DANC 262 Intermediate Tap Dance

Continuation of beginning tap dance, emphasizing

intermediate technique using movement to build strength and coordination. Syncopated rhythms are explored with the sounds of the taps. *Prerequisite:* Previous tap dance technique. *3 sem. hrs.*

DANC 263 Intermediate Modern Dance

Continuation of beginning modern dance, emphasizing intermediate technique and development of an aesthetic vocabulary of contemporary modern dance. *Prerequisite:* Previous modern dance technique. *3 sem. hrs.*

DANC 266 Intermediate Ballet

Continuation of beginning ballet, emphasizing intermediate technique and vocabulary. *Prerequisite:* Previous ballet technique. *3 sem. hrs.*

DANC 306 University Dancers

Technique, rehearsal, and performance of dance works choreographed by dance faculty, students and visiting choreographers. May be repeated for credit. *Prerequisite:* Audition or invitation by director. *1 sem. hr. Fall - 1 sem. hr. Spring.*

DANC 312 Special Topics in Dance

Offered on an as-needed basis. Representative topics include ballet, jazz, modern, tap, dance history, advanced choreography, dance theory, music for dancers, kinesiology, contact improvisation, pointe and writing from the body. *1-3 sem. hrs.*

DANC 315 Independent Study

Restriction: Prospectus must be submitted and approved prior to the end of advance registration. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

DANC 361 Advanced Jazz Dance

Continuation of intermediate jazz, emphasizing advanced technique, vocabulary and style. *Prerequisite:* Previous intermediate jazz technique. *3 sem. hrs.*

DANC 362 Advanced Tap Dance

Continuation of intermediate tap dance, emphasizing advanced technique using movement to build strength and coordination. Syncopated rhythms are explored with the sounds of the taps. *Prerequisite:* Previous intermediate tap dance technique. *3 sem. hrs.*

DANC 363 Advanced Modern Dance

Continuation of intermediate modern dance, emphasizing advanced technique and developing an aesthetic vocabulary of contemporary modern dance. *Prerequisite:* Previous intermediate modern dance technique. *3 sem. hrs.*

DANC 366 Advanced Ballet

Continuation of intermediate ballet, emphasizing advanced technique and vocabulary. *Prerequisite:* Previous intermediate ballet technique. *3 sem. hrs.*

ECONOMICS

Department of Economics

Robert M. Schmidt, Chair

Professors Dolan, Schmidt

Associate Professors Cook, Craft, Croushore, Dean,

McGoldrick, Nicholson, Wight, Yates

Assistant Professors Asaftei, Datta, Monks

The Economics Major (for B.A. degree)

Note: A grade point average of C (2.00) is required in the major, with no course grade below a C- (1.7) in an economics course required for the major.

Nine courses in economics, including

- ECON 101 Principles of Microeconomics
- ECON 102 Principles of Macroeconomics
- ECON 271 Microeconomic Theory
- ECON 272 Macroeconomic Theory
- Four economics electives (at least two of which must be at the 300 level)
- ECON 480 Senior Capstone Seminar or ECON 491 Honors Thesis in Economics

Additional requirements

- BUAD 203 Software Tools and Applications
- BUAD 201 and 301 or MATH 329 and 330

Note: Majors are strongly encouraged to take Economics 101 and 102 during their first year, and Economics 271 and 272 during their second year. A basic foundation in calculus (e.g., Math 211) is required for Economics 271.

Students may plan their course load to pursue a general major in economics or to study a specific area in economics. Voluntary elective fields have been developed in the areas of Business Economics, International Economics, Economic History, Public Policy and Quantitative Economics. Students are encouraged to speak with their academic advisor about the options available to them. Students interested in pursuing a graduate degree in economics are encouraged to seek advice concerning the Honors program in Economics, the combined major in Mathematical Economics, and/or taking Math 235 Multivariate Calculus, Math 312 Differential Equations, and Math 245 Linear Algebra.

The Economics Minor (for B.A. degree)

Note: A grade point average of C (2.00) is required in the minor with no grade less than C- (1.7) in an economics course required for the minor.

Eighteen semester hours in economics including

- ECON 101 Principles of Microeconomics
- ECON 102 Principles of Macroeconomics
- ECON 271 Microeconomic Theory
- ECON 272 Macroeconomic Theory
- Two economics electives (at least one of which must be at the 300 level)

A basic foundation in calculus (e.g., Math 211) is required for Economics 271.

Related Interdisciplinary Majors

Mathematical-Economics

International Studies: International Economics

Curriculum

Basic Economics Courses

ECON 101 Principles of Microeconomics

ECON 102 Principles of Macroeconomics

ECON 105 Introduction to Global Economics

Unless otherwise noted, Economics 101 and 102 are prerequisites to all the following Economics courses. 300-level courses may require additional prerequisites (noted in course descriptions).

Business Economics

ECON 200 The Economics of Money, Banking and Financial Markets

ECON 300 Industrial Organization and Public Policy

International Economics

ECON 210 The Economics of the European Union

ECON 211 Economic Development in Asia,

Africa and Latin America

ECON 310 International Trade and Finance

Economic History

ECON 220 History of Economic Thought

ECON 221 American Economic History

Public Policy

ECON 230 Environmental Economics

ECON 231 Law and Economics

ECON 232 Women and Gender Issues in Economics

ECON 330 Environmental and Resources Economic Theory

ECON 331 Labor Economics

ECON 332 Public Economics

ECON 333 Federal Reserve Challenge Preparation

ECON 334 Federal Reserve Challenge Competition

ECON 372 Advanced Macroeconomics

Quantitative Economics

ECON 340 Econometrics

ECON 341 Mathematical Economics

Special Topics

ECON 260 Selected Economic Topics

ECON 269 Independent Study

ECON 360 Selected Economic Topics

ECON 369 Independent Study

Intermediate Core

ECON 271 Microeconomic Theory

ECON 272 Macroeconomic Theory

BUAD 301 Statistics for Business and Economics II

Capstone Seminar

ECON 480 Senior Capstone Seminar

Honors

ECON 490-491 Honors in Economics

COURSES**ECON 101 Principles of Microeconomics**

Provides students with the analytical perspective to think critically about the market system and social objectives it may serve. Topics include supply and demand, market structure, production, market failure (e.g., pollution) and benefits and costs of government intervention. *3 sem. hrs. (FSSA)*

ECON 102 Principles of Macroeconomics

The study of national income determination within a global economy. Topics include inflation, unemployment, GDP determination, money supply, balance of payments, currency markets and role of fiscal and monetary policies. Students who have not taken Economics 101 should notify their instructor on the first class day and will be required to spend extra time outside of class on supply and demand. *Prerequisite:* Economics 101 is recommended but not required. *3 sem. hrs.*

ECON 105 Introduction to Global Economics

Survey of international economic issues for nonmajors. The U.S.'s role in the global economy is covered analytically, historically and institutionally, with special attention given to balance of payments analysis, exchange rate determination, gains from trade, trade policy, the IMF, GATT and other topics. *Note:* This course has no prerequisites and fulfills no prerequisites for other economics or business courses. *3 sem. hrs.*

ECON 200 The Economics of Money, Banking and Financial Markets

Role and functions of money; operation of financial institutions; structure and influence of Federal Reserve System; effects of money and credit on economic activity. *Prerequisites:* Economics 101 and 102. *3 sem. hrs.*

ECON 210 The Economics of the European Union

Comparative analysis of European and United States' economics systems, including a review of the evolution of the European Union. Although the scope of the course is primarily European, Japan and China also are studied. *Prerequisites:* Economics 101 and 102. *3 sem. hrs.*

ECON 211 Economic Development in Asia, Africa and Latin America

Comparative analysis of economic growth, income and wealth distribution, trade and finance, population, agriculture, and industrialization in Latin America, Africa and Asia. *Prerequisites:* Economics 101 and 102. *3 sem. hrs.*

ECON 212 Geographies of Economic Development and Globalization

(See Geography 370.) *Prerequisites:* Economics 101 and 102. *3 sem. hrs.*

ECON 220 History of Economic Thought

Survey of development of economic analysis with emphasis on contributions from Adam Smith through J.M. Keynes. *Prerequisites:* Economics 101 and 102. *3 sem. hrs.*

ECON 221 American Economic History

Use of economic theory and methods to study American history with special emphasis on economic growth. Topics include Native American development up to the arrival of Europeans, transportation revolutions, slavery, agriculture and monetary controversies in the late 19th century, health and nutrition, immigration, technological change, the Great Depression and New Deal, and civil rights. *Prerequisites:* Economics 101 and 102. *3 sem. hrs.*

ECON 230 Environmental Economics

Development and application of economic principles to understand and evaluate causes and solutions to environmental problems such as pollution and conservation. Topics include economics of biodiversity protection, global warming, natural resource damage assessment, measurement of environmental values, and alternative strategies for pollution control. Special attention given to optimal use of exhaustible and renewable natural resources. (*Same as Environmental Studies 230*). *Prerequisite:* Economics 101. *3 sem. hrs.*

ECON 231 Law and Economics

Application of economic analysis to legal concepts. Using goals of efficiency and wealth maximization, shows how economic theory can unify property law, contract law, tort law, criminal law and family/sex law, as well as offer new insights to old problems. *Prerequisite:* Economics 101. Business Administration 301 or Mathematics 119 encouraged. *3 sem. hrs.*

ECON 232 Women and Gender Issues in Economics

Designed to point out differences in economic circumstances of men and women. Topic discussions include educational attainment, labor market participation decisions, joblessness, poverty and associated policy. Different theoretical explanations (neoclassical, Marxist, institutionalist and feminist) are covered and students evaluate rationale for each theory. *Prerequisites:* Economics 101 and 102. *3 sem. hrs.*

ECON 260 Selected Economic Topics

Major areas in economics, application of economic principles, and analysis of policy issues. *Prerequisites:* Economics 101 and 102. *1-3 sem. hrs.*

ECON 269 Independent Study

Specialized study or directed research in an area of economics. *Prerequisites:* A written outline worthy of academic credit and permission of departmental chair. *1-3 sem. hrs.*

ECON 271 Microeconomic Theory

Theory of price determination in both output and input markets; in-depth analysis of behavior of individual consumers, firms and industries under various market structures; theories of exchange and distribution. *Prerequisites:* Economics 101 and 102 and Mathematics 211 or 231. 3 sem. hrs.

ECON 272 Macroeconomic Theory

Theory of national income determination; short/medium-run monetary and fiscal policy issues are examined using Keynesian and New Classical models; long-run analysis focuses on recent extensions of the Neo-classical growth model. *Prerequisites:* Economics 101 and 102. 3 sem. hrs.

ECON 300 Industrial Organization and Public Policy

Designed to identify features of industries with various degrees of competition. Issues to be explored include: identifying dominant firm, tight or loose oligopoly, competitive and monopoly industries; product vs. geographic markets; technological innovations; collusion, product differentiation; mergers; advertising; efficiency; price discrimination; etc. In addition, antitrust policies will be reviewed as they pertain to these issues. *Note:* This course also may be applied to the Public Policy area. *Prerequisites:* Economics 101, 102 and 271. 3 sem. hrs.

ECON 310 International Trade and Finance

Introduction to basic argument for free trade with emphasis on general equilibrium analysis; survey of trade restrictions including theory on tariffs, quotas, subsidies and preferential trade agreements. International monetary theory; determination of exchange rates in spot and forward markets; extension of national income model to international markets. *Prerequisite:* Economics 271. 3 sem. hrs.

ECON 330 Environmental and Resource Economic Theory

A rigorous treatment of environmental and resource issues, with particular emphasis on problem of designing appropriate institutions and regulations under uncertainty. Topics include emission fees and marketable permits; enforcement, risk regulation, the economics and regulation of the fishery; depletion of nonrenewable resources; and forest use. (*Same as Environmental Studies 330.*) *Prerequisites:* Economics 101, 102 and 271. 3 sem. hrs.

ECON 331 Labor Economics

Economic analysis of labor markets including labor supply, investment in human capital, labor demand and wage determination. Policy issues include labor unions, discrimination and analysis of government programs

affecting labor markets. *Prerequisites:* Economics 101, 102 and 271. 3 sem. hrs.

ECON 332 Public Economics

Economic analysis of government spending and taxation with particular emphasis on current public policy issues (e.g., social security, health care and fundamental income tax reform). *Prerequisites:* Economics 101, 102 and 271. 3 sem. hrs.

ECON 333 Federal Reserve Challenge Preparation

Analysis of current macroeconomic events and how they affect monetary policy decisions. Students prepare for the Fed Challenge, competing for a position on the team based on their knowledge of current events, the determinants of monetary policy, and communication skills. The team also is responsible for economic conditions reports and presentations that support the activities of the RSB Student-Managed Investment Fund. *Prerequisites:* Economics 200 or 272 and permission of instructor. 1 sem. hr.

ECON 334 Federal Reserve Challenge Competition

Analysis of current macroeconomic events and how they affect monetary policy decisions. Select students prepare and present a mock policy briefing in the Fed Challenge competition at the Federal Reserve Bank of Richmond. The team also is responsible for economic conditions reports and presentations that support the activities of the RSB Student-Managed Investment Fund. *Prerequisites:* Economics 200 or 272 and permission of instructor. 1 sem. hr.

ECON 340 Econometrics

Development of the theory, methodology and application of econometric topics of the classical linear regression model as well as model extensions including dummy and limited dependent variables, time-series analysis, forecasting and simultaneous equation systems. Excel, SPSS, and SAS are used in weekly computer lab sessions. *Prerequisites:* Economics 101, 102 and Business Administration 301 or Mathematics 330. 4 sem. hrs.

ECON 341 Mathematical Economics

Examines various economic concepts by means of mathematical analysis. *Prerequisites:* Economics 101, 102 and 271 and Mathematics 211 or 231. 3 sem. hrs.

ECON 360 Selected Economic Topics

Major areas in economics, application of economic principles and analysis of policy issues. *Prerequisite:* A core course to be announced. 1-3 sem. hrs.

ECON 369 Independent Study

Specialized study or directed research in an area of economics. *Prerequisites:* Economics 271 and/or 272, a written outline worthy of advanced credit and permission of departmental chair. 1-3 sem. hrs.

ECON 372 Advanced Macroeconomics

Examination of selected topics in macroeconomics beyond the basic theory level covered in Economics 272. Topics may include forecasting, time-series econometrics, growth theory, analysis of dynamic, stochastic general-equilibrium models and open-economy macroeconomics. *Prerequisites:* Economics 272 and Business Administration 301. *3 sem. hrs.*

ECON 480 Senior Capstone Seminar

Utilizes theoretical and applied economic models from previous economics courses. Semester assignments guide students through a major research project of one of the following forms: contemporary economic analysis, historical economic analysis, viewpoints in economic analysis, or quantitative economic analysis. Students develop an economic question; gain access to existing knowledge; demonstrate command of existing knowledge; use existing knowledge to explore an issue of interest; understand the steps to complete a substantial research project; and sharpen written communication skills. Note: Participation in the Honors program fulfills the Capstone requirement. *Prerequisites:* Economics 271 and 272, Business Administration 301, and senior standing. *3 sem. hrs.*

ECON 490 Honors Seminar in Economics

Honors seminar. *Prerequisite:* Departmental invitation. *3 sem. hrs.*

ECON 491 Honors Thesis in Economics

Capstone independent research project and Honors paper. Note: Participation in the Honors program fulfills the Capstone requirement. *Prerequisite:* Departmental invitation. *3-3 sem. hrs.*

EDUCATION**Department of Education**

Patricia Stohr-Hunt, Chair

Associate Professor Brown

Assistant Professor Stohr-Hunt

Director of Field Placement Moore

Director of Curriculum Materials and Technologies Center (CMTC) Joyce

State-Approved Teacher Licensure Programs at the University of Richmond

The University of Richmond was first granted an Approved Teacher Education Program by the Virginia State Board of Education in 1972. Since that time, the University's Department of Education has maintained approved program status and, as such, participates in reciprocity of licensure with states that have interstate agreements with Virginia. Currently Virginia has licensure reciprocity with 48 states, territories and the District of Columbia.

In order for programs to remain current with licensure regulations as mandated by the Virginia State Department of Education, the requirements as stated may be subject to change. Please check with the department for the most recent version of licensure and program requirements.

Title II Results

In October 1998, the U.S. Congress enacted amendments to the Higher Education Act (HEA). As amended, Title II of the HEA addressed the issue of the quality of teacher preparation by doing two things:

It authorized new federal grant programs to support states, institutions of higher education and their school district partners, in improving the recruitment, preparation and support of new teachers.

Title II also included new accountability measures: reporting requirements for institutions and states on teacher preparation and licensing

The University of Richmond Institutional Report contains:

- Program completer pass rates
- Basic features of the teacher preparation program
- Whether the teacher preparation program has been classified as "low performing"
- Supplemental information the institution believes is important to providing necessary context

We at the University of Richmond are very proud of the accomplishments of our teacher education graduates, and hope that you find this information useful. For the most current data regarding the pass rates of students in our programs, visit our Web site at: <http://education.richmond.edu/>.

Education Minor

Students seeking teacher licensure in the state of Virginia cannot major in Education. They must major in another liberal arts area and complete the teacher preparation program. **Education is not, therefore, an academic major at the University of Richmond. Students who complete the requirements of the Teacher Preparation Program will receive a minor in Education.**

Program Objectives

The Teacher Preparation Program at the University of Richmond is structured to assist students in achieving (1) knowledge of public education as a contemporary institutional, functions and governance; (2) an understanding of the philosophical, sociological, psychological and historical foundations of education; (3) an understanding of student development with emphasis on student learning and achievement; (4) familiarity with the intellectual, social, emotional and physical characteristics of students which affect the learning process; (5) knowledge of instructional techniques, materials and procedures pertinent to particular content

areas and grade levels; (6) competency in planning, implementing and evaluating classroom instruction; (7) competency in establishing and maintaining an orderly and supportive classroom environment.

Undergraduate Teacher Preparation

The Teacher Preparation Program at the University of Richmond prepares teachers for licensure in Elementary Education (PK-6), Secondary Education (6-12) or Comprehensive Education (PK-12). Students interested in becoming teachers should contact the Department of Education to meet with an Education faculty member to discuss program requirements. All students seeking to enroll in the Teacher Preparation Program must formally apply for admission and submit:

- A completed application form
- A Statement of Intent
- Two letters of recommendation
- Official scores on ONE of the following tests:
 - Praxis I - minimum scores of 178 for reading, 176 for writing and 178 for mathematics.
 - SAT - minimum score of 1100, with a minimum score of 530 on verbal and minimum score of 530 on math.
 - ACT - minimum composite score of 24, with a minimum of 22 on math and a minimum combined score of 46 on English and reading
- Evidence of a minimum cumulative grade point average of 2.70

Teacher Preparation Program Chronology

(Transfer students may need an extra semester or year to complete the requirements for licensure.)

Year One

Students interested in becoming licensed to teach should contact the Department of Education during their first year at the University and arrange to meet with a faculty advisor. Students begin the education sequence by taking Education 205. If necessary, students should arrange to take the Praxis I exam before the beginning of their sophomore year.

Year Two

Students enroll in Education 207 and 208. Students complete a formal application to the program and return the completed forms to the Department of Education department no later than October 15 of the fall semester or March 15 of the spring semester. Students declare Education as a minor only after they have been officially accepted into the program.

Year Three

Students enroll in the sequence of courses for elementary or secondary/comprehensive education. During the spring semester of this year, students also apply for the student teaching experience that will occur during

the fall semester of the fourth year. Students must maintain a cumulative grade point average of 2.70, and a cumulative grade point average of 3.00 in Education, to be eligible for student teaching.

Year Four

Students enroll in and complete the semester-long teaching experience and the accompanying seminar. Students also complete a Career Development Center placement file and licensure application forms. **(The Department of Education will forward licensure applications and recommendations for licensure only for those students who complete the student teaching experience through the University of Richmond.)**

Students also must take and submit passing scores on all required exams for their licensure area. Students should consult their faculty advisor in the Department of Education for information about this requirement.

Academic Requirements

All formally accepted students must maintain a grade point average of 3.00 in Education and a cumulative grade point average of 2.70 to remain in the program and be eligible for student teaching. Only one grade of C or lower is allowed in Education course work. Therefore, students who earn more than one grade of C in Education courses must repeat those courses and earn higher grades or they will not be permitted to remain in the program.

Licensure of Teachers

Licensure application forms may be obtained from, and when complete should be returned to, the Department of Education at the University of Richmond. With the licensure application, students also must submit (1) official transcripts of all college work including transfer credit, (2) passing scores on all required licensure exams, and (3) a money order or cashier's check made payable to the State Department of Education to cover the application fee. Upon satisfactory completion of degree requirements and the University's Approved Teacher Education Program, and upon receipt of the required licensure materials, the Virginia State Department of Education will issue a Collegiate Professional License that is valid for five years and renewable with additional professional and/or college credit.

Core Requirements

All students seeking licensure engage in a series of professional courses and field experience that serve as the foundation of the programs. These include:

- **Professional Courses:** Foundations of Education, Diverse Learners and Environments, Classroom Management, Technology Enhanced Learning
- **Field Experience:** Integrated course-related practica and observation experiences

- **Student Teaching:** Fifteen weeks of full-time experience in local school divisions, Student Teaching Seminar

Elementary Education (PK-6)

Students seeking Elementary licensure MUST complete the requirements for ANY liberal arts major. Students majoring only in Business or Leadership Studies are NOT eligible for a teaching license in Virginia. Elementary Education sequence:

- EDUC 205 Foundations of Education, 3 hours
- EDUC 207 Diverse Learners and Environments, 3 hours
- EDUC 208 Classroom Management, 3 hours
- EDUC 306 Integrated Curriculum Methods, 3 hours
- EDUC 325 Teaching Language Arts and Literature, 3 hours
- EDUC 326 Foundations of Reading Instruction, 4 hours
- EDUC 327 Foundations of Math Instruction, 4 hours
- EDUC 343 Technology-Enhanced Learning, 3 hours
- EDUC 365 Elementary Reading Practicum, 1 hours
- EDUC 366 Elementary Mathematics Practicum, 1 hours
- EDUC 475 Student Teaching, Elementary Education (preK-6), 12 hours
- EDUC 485 Student Teaching Seminar, 2 hours

Secondary (6-12) Education

Students seeking secondary licensure MUST complete the requirements for a liberal arts major in one of the following areas: Biology, Chemistry, Computer Science, English, History, Mathematics or Physics. For some endorsement areas, additional methodology courses and/or subject specific courses in the major are required for licensure. Secondary Education sequence:

- EDUC 205 Foundations of Education, 3 hours
- EDUC 207 Diverse Learners and Environments, 3 hours
- EDUC 208 Classroom Management, 3 hours
- EDUC 342 Secondary Curriculum Methods, 3 hours
- EDUC 343 Technology-Enhanced Learning, 3 hours
- EDUC 352 Content Area Literacy, 3 hours
- EDUC 367 Middle School Practicum, 1 hours
- EDUC 368 Secondary School Practicum, 1 hours
- EDUC 477 Student Teaching, Secondary Education (6-12), 12 hours
- EDUC 485 Student Teaching Seminar, 2 hours

Comprehensive (PK-12) Education

Students seeking secondary licensure MUST complete the requirements for a liberal arts major in one of the following areas: French, German Studies, Latin, Spanish or Studio Art. For Foreign Language endorsement areas, one additional methodology course in the major is required for licensure. Comprehensive Education sequence:

- EDUC 205 Foundations of Education, 3 hours
- EDUC 207 Diverse Learners and Environments, 3 hours
- EDUC 208 Classroom Management, 3 hours
- EDUC 342 Secondary Curriculum Methods, 3 hours
- EDUC 343 Technology-Enhanced Learning, 3 hours
- EDUC 352 Content Area Literacy, 3 hours
- EDUC 367 Middle School Practicum, 1 hours
- EDUC 368 Secondary School Practicum, 1 hours
- EDUC 478 Student Teaching, Comprehensive (preK-12), 12 hours
- EDUC 485 Student Teaching Seminar, 2 hours

Subject Area Endorsements

For all endorsement areas, students seeking a particular endorsement must meet the requirements of that major. The state of Virginia has specified competencies and courses for the endorsements listed below.

Art Endorsement (preK-12)

Students seeking the Art endorsement must meet the requirements of the Studio Art major.

English Endorsement

Students seeking the English endorsement must meet the requirements of the English major. Combined majors in English do NOT meet the standard for this endorsement. Additionally, the following courses and/or experiences are required:

- ENGL 304 Shakespeare, 4 hours
- ENGL 381 Modern Grammar, 4 hours
- MLC 350 Introductory Linguistics, 3 hours
- Completion of the Teaching of Writing Tutorials or ENGL 383 Introduction to Composition Theory and Pedagogy, 4 hours

Foreign Language Endorsements

Students seeking a language endorsement must meet the requirements of the major in French, German Studies, Latin or Spanish. Additionally, the following courses and/or experiences are required:

French, German, and Spanish

- MLC 410 The Teaching of a Modern Second Language, 3 hours
- One course in advanced grammar and composition

- One course in conversation
- One course in culture and civilization
- One course in literature

Latin

Students seeking the Latin endorsement must meet the requirements of the Latin major and also take the following course:

- LATN 411 The Teaching of High School Latin, 3 hours

Additional Foreign Language Endorsements

Students completing the requirements for an endorsement in French, German or Spanish may add an endorsement in a second modern language by completing 24 hours of coursework above the intermediate level in the second language.

History and Social Science Endorsement

Students seeking the history and social science endorsement must meet the requirements of the History major. Additionally, the following courses and/or experiences are required:

- PLSC 220 Introduction to American Government, 3 hours
- One course in Economics (ECON)
- Completion of the Teaching of Geography Tutorials or one course in Geography (GEOG 210 or 320)

Mathematics Endorsement

Students seeking the Mathematics endorsement must meet the requirements for either the Bachelor of Arts or Bachelor of Science degree in mathematics.

Science Endorsements

Biology

Students seeking the Biology endorsement must meet the requirements of the Biology major. The Biochemistry major does **NOT** meet the standard for this endorsement. Additionally, the following courses and/or experiences are required:

- BIOL 201 Introduction to Genetics, 4 hours
- BIOL 205 Cell and Molecular Biology, 4 hours
- One course in botany (BIOL 303, 305 or 306)
- One course in zoology (BIOL 308, 309 or 328)
- One course in ecology (BIOL 330 or 344)
- One course in anatomy/physiology

Chemistry

Students seeking the Chemistry endorsement must meet the requirements of the Chemistry major.

Physics

Students seeking the Physics endorsement must meet the requirements for the Bachelor of Science degree in Physics. In addition, we highly recommend the following course as part of the major:

- PHYS 215 Computational Methods in Physics, 3

Additional Science Endorsements

Students completing the requirements for an endorsement in Biology, Chemistry or Physics may add an endorsement in a second science by completing 18 hours of coursework in the second science.

Add-On Endorsement Requirements

Students who meet the endorsement requirements in **ANY** teaching area may apply for an add-on endorsement if they meet the requirements for a minor that is compatible with one of the following licensure (endorsement) areas:

- Computer Science
- Dance (preK-12)
- Journalism
- Mathematics - Algebra I
- Speech Communication
- Theatre Arts (preK-12)

COURSES

EDUC 205 Foundations of Education

Introductory analysis of education. Readings from various texts provide exposure to historical, philosophical, sociological and legal issues of education. Emphasis will be placed on learning theory, curriculum theory and link between child development and instruction. Particular attention given to recently developed approaches to teaching and learning. Service learning in an educational context is required. *3 sem. hrs.*

EDUC 207 Diverse Learners and Environments

Introduction to the wide range of diversity that exists across today's general school population and examination of increased professional demands that this diversity makes upon teachers. Students will explore range of diversity issues that teachers confront in our pluralistic society leading to the development and practice of multicultural education. Areas of study include ethnicity, race, gender, exceptionality, religion, language and age. Field experience in a public school setting is required. *3 sem. hrs.*

EDUC 208 Classroom Management

Introduces learning and curriculum theories and analyses and how they contribute to the understanding and application of classroom management techniques. Emphasis on individual interventions, including techniques to promote educational well-being, maximize learning time, increase motivation, and address inappropriate behavior. Approaches will be examined based on theory and practice to meet the needs of diverse learners. *Prerequisite:* Education 207. *3 sem. hrs.*

EDUC 306 Integrated Curriculum Methods

Introduces use of appropriate methods and assessments to help learners develop knowledge and basic skills, sustain intellectual curiosity and problem solve. Examines selection of strategies and procedures to enhance classroom instruction and support learners in achievement of the Virginia Standards of Learning. Explores curriculum integration and subject-specific methodology in science and social studies. *Prerequisite:* Education 205 or 207. *3 sem. hrs.*

EDUC 312-313-314 Independent Study in Education

Special projects and practical experience in educational programs. *Prerequisite:* Permission of department. *1-2-3 sem. hrs.*

EDUC 316 Special Topics

Accommodates special needs of teachers and school systems through use of selected contemporary topics, resource persons and prepared programs; supports requests for professional development. Variable credit depending on course structure and time commitment. *Prerequisite:* Varies by topic. *1-3 sem. hrs.*

EDUC 319 Student Development Theory and Its Application to Residential Life

Theoretical and experiential study of human behavior. Emphasis on self-awareness and growth, and its application to understanding students and their lives. Attention given to leadership skills in residential setting. Graded pass/fail. *Prerequisite:* Selection as Residential Life staff member or permission of instructor. *1 sem. hr.*

EDUC 325 Teaching Language Arts and Literature

Theories, research, methods and materials relevant to teaching language arts to diverse learners. Reviews knowledge, skills and processes necessary for teaching writing, including grammar, punctuation, spelling, syntax, etc. Includes study of selected children's literature and literature appreciation. *Prerequisite:* Education 208. *3 sem. hrs.*

EDUC 326 Foundations of Reading Instruction

In-depth examination of complex nature of language acquisition and reading, to include: phonemic awareness, understanding of sound/symbol relationships, explicit phonics instruction, syllables, phonemes, morphemes, decoding skills, word attack skills and knowledge of how phonics, syntax and semantics interact. Additional study to include strategies to foster comprehension and independent reading. Practicum experience in elementary reading, grades K-2, is required. *Prerequisite:* Education 208. *Corequisite:* Education 365. *3 sem. hrs.*

EDUC 327 Foundations of Math Instruction

In-depth examination of fundamental mathematical concepts and methods of teaching elementary

mathematics for understanding. Course content emphasizes and integrates state and national curriculum standards, problem solving approaches, use of manipulatives and technology, current research and learning theory. Practicum experience in elementary mathematics, grades 3-5, is required. *Prerequisite:* Education 306. *Corequisite:* Education 366. *3 sem. hrs.*

EDUC 342 Secondary Curriculum Methods

Process of establishing appropriate goals and objectives for instruction in middle and secondary schools targeting diverse learners. Use of objectives in planning of instruction and assessment, with attention to design of traditional and alternative assessment theories and practices. Development of wide variety of teaching methods addressing the needs of gifted, general and special education students. Practicum experience in a high school setting is required. *Prerequisite:* Education 208. *Corequisite:* Education 368. *3 sem. hrs.*

EDUC 343 Technology-Enhanced Learning

Theory and pedagogy of using technology for instruction in all areas of PreK-12 curriculum. Includes current practice, skill building and exploration of resources to better prepare educators to fully understand the potential, consequences and future uses of instructional technology in teaching diverse learners. *Prerequisite:* Education 326 or 342. *3 sem. hrs.*

EDUC 352 Content Area Literacy

Reading and critical thinking in middle and secondary school content areas. Specific strategies are explored that enhance comprehension, concept development and vocabulary knowledge. Effects of text organization and relationship between reading and writing are examined for all content areas. Practicum experience in a middle school setting is required. *Prerequisite:* Education 342. *3 sem. hrs.*

EDUC 365 Elementary Reading Practicum

Weekly field experience under the guidance of a classroom teacher focused on the teaching of reading in the early elementary grades. Practicum will include classroom observations; collaboration with practicing teachers; gradually increased instructional responsibility; and the design, development, implementation and evaluation of self-constructed lessons. *Corequisite:* Education 326. *1 sem. hr.*

EDUC 366 Elementary Mathematics Practicum

Weekly field experience under the guidance of a classroom teacher focused on the teaching of mathematics in the upper elementary grades. Practicum will include classroom observations; collaboration with practicing teachers; gradually increased instructional responsibility; and the design, development, implementation and evaluation of self-constructed lessons. *Corequisite:* Education 327. *1 sem. hr.*

EDUC 367 Middle School Practicum

Weekly field experience under the guidance of a classroom teacher focused on the teaching of subject-specific content in the middle school grades. Practicum will include classroom observations; collaboration with practicing teachers; gradually increased instructional responsibility; and the design, development, implementation and evaluation of self-constructed lessons. *Corequisite:* Education 352. 1 sem. hr.

EDUC 368 Secondary School Practicum

Weekly field experience under the guidance of a classroom teacher, focused on the teaching of subject-specific content in the secondary grades. Practicum will include classroom observations, collaboration with practicing teachers, gradually increased instructional responsibility, and the design, development, implementation, and evaluation of self-constructed lessons. *Corequisite:* Education 342. 1 sem. hr.

EDUC 451 Survey of Children's Literature

Survey of modern and traditional literature with emphasis on evaluative criteria used in selecting books based on school and recreational needs and interests of children. Features storytelling, creative dramatics and ways of integrating books into curriculum. 3 sem. hrs.

EDUC 475 Student Teaching, Elementary Education (preK-6)

Involves working directly with students in classroom on full-time basis under direction of cooperating teacher and University supervisor; student assumes full teacher responsibility for all instructional periods and school activities. Weekly seminar. Graded pass/fail; however, a comprehensive evaluation is completed for each student teacher. *Prerequisite:* Departmental Approval. 12 sem. hrs.

EDUC 477 Student Teaching, Secondary Education (6-12)

(See description under Education 475.) *Prerequisite:* Departmental Approval. 12 sem. hrs.

EDUC 478 Student Teaching, Comprehensive Endorsement (preK-12)

(See description under Education 475.) *Prerequisite:* Departmental Approval. 12 sem. hrs.

EDUC 485 Student Teaching Seminar

Weekly seminar for student teachers. Provides a forum for discussion and examination of critical issues related to students' teaching responsibilities and competence. Also provides guidance in the preparation of the Teacher Work Sample. *Corequisite:* Education 475, 477, or 478. 2 sem. hrs.

ENGLISH**Department of English**

Louis Tremaine, Chair

Professors Dance, Givens, Hickey, Hilliard, S. Jones,

Loxterman, Tremaine

Associate Professors Ashe, Gruner, Henry, Hewett-Smith,

MacAllister, Marx, Russell, Schwartz, Stevens

Assistant Professors Cheever, Lurie, Saal

Director of ESL Services Grove

Director of Writing Center Essid

Note: Students must complete English 103 with a grade of C or better before taking any other English courses. (This does not apply to students who are exempt from English 103 on the basis of an Advanced Placement or SAT-Writing score.) A 200-level FSLT English course is a prerequisite to all 300- and 400-level literature courses. (For possible exceptions, see below.)

Courses beyond the 100-level involve intensive reading and writing and carry four semester hours of credit.

The English Major

A grade of C (2.0) or better is required in all coursework comprising the English major.

Forty semester hours in English approved by the department, including

- One 200-level FSLT course, 4 hours
- Two courses at the 300 level in British literature before 1660, 8 hours
- One course at the 300 level in British literature between 1660 and 1900, 4 hours
- One course at the 300 level in American literature before 1860, 4 hours
- One course at the 300 level in world literature, 4 hours
- Two additional English courses at the 300 level, 8 hours
- Two English 400 seminars, 8 hours

Combined Majors

The following combined programs are available for students who wish to pursue in-depth work in two areas: English/Classics, English/French, English/German, English/Greek, English/Latin, English/Russian, English/Theatre, English/Women, Gender and Sexuality Studies.

The English Minor

A grade of C (2.0) or better is required in all coursework comprising the English minor.

Twenty-four hours in English approved by the department, including

- One 200-level FSLT course, 4 hours
- One 300-level British literature course, 4 hours
- One 300-level American literature course, 4 hours

- Two additional literature courses at the 300 level, 8 hours
- One English 400 seminar, 4 hours

Creative writing courses may not be counted towards the English minor.

The Creative Writing Minor

A grade of C (2.0) or better is required in all coursework comprising the Creative Writing minor.

Six courses, including

- ENGL 384 Introduction to Creative Writing, 4 hours
- Three writing courses in at least two genres selected from
 - ENGL 385 Fiction Writing, 4 hours
 - ENGL 386 Poetry Writing, 4 hours
 - ENGL 387 Writing for the Stage, 4 hours
 - ENGL 392 Creative Nonfiction Writing, 4 hours
 - ENGL 397 Selected Topics in Writing, 4 hours
- One 200- or 300-level English course in literature, 4 hours
- One additional 300-level English course, either in literature or in writing, 4 hours

ENGL 384 is a prerequisite to ENGL 385, 386, 387, 392 and 397. Each may be taken no more than three times for credit.

Honors Program

To earn honors in English, a major must complete English 498, Honors Seminar (two semester hours). The student also must complete four hours of thesis writing (English 499, Honors Thesis). Credits earned for English 498 and 499 are in addition to the 40 credit hours required in the English major. Students must have attained a departmental GPA of 3.50 by the beginning of the fall semester of the senior year. They also must maintain that GPA through the completion of the program and an overall GPA of no less than 3.30 while in the program. The thesis must be submitted to a faculty committee in the spring of the student's senior year. Honors will be granted only to those students whose theses meet departmental standards. Students should declare their intention to seek honors and meet with the honors coordinator in their sophomore year. Students who have not declared by the second semester of their junior year are disqualified from further honors consideration. Those who have declared that they are seeking honors will be considered candidates until they fail to meet one of the program's requirements. For further information and advice on standards and curriculum, see the honors coordinator.

Allied Fields Option

To enrich the value of the major in English by doing focused work in an Allied Field, students have the option of taking four courses in one of the following

fields: Art History, Classics (literature in the original language or in translation), History, Philosophy, Religion, Theatre and the modern literatures (Chinese, French, German, Italian, Japanese, Russian or Spanish). Students are expected to select four courses that seem relevant to, or that promise to complement, the study of English. In making the selections, a student must consult both with the major advisor in English and with a secondary advisor in the Allied Field. Students who successfully complete an Allied Field option will receive a certificate and a letter of recognition at the time of Commencement.

Related Concentrations

Interdisciplinary Concentration in Medieval and Renaissance Studies for English Majors

Interdisciplinary Concentration in Comparative Literature for English Majors

CURRICULUM

First- and Second-Year English Courses

ENGL 100A-100B Interdisciplinary Writing

ENGL 103 Introduction to Expository Writing

ENGL 140 English as a Second Language and American Culture

ENGL 198 Teaching English as a Second Language through Literature and Film

Field of Study, Literary Topics (FSLT) Courses

ENGL 203 Children's Literature

ENGL 204 Literature and Culture

ENGL 205 Latino/a Literature and Film

ENGL 206 Selected Readings in American Literature

ENGL 207 Revolutionary American Literature

ENGL 208 Twentieth-Century American Fiction

ENGL 214 Literature of India

ENGL 215 Reading Science Fiction

ENGL 216 Literature, Technology and Society

ENGL 217 The Bible as Literature

ENGL 218 African Literature

ENGL 220 Film Studies

ENGL 221 Introduction to Poetry

ENGL 222 Short Fiction

ENGL 223 The Modern Novel

ENGL 224 Great Novels

ENGL 226 Love and War in Medieval Literature

ENGL 227 Life-Writing as Literature: Studies in

Biography and Autobiography

ENGL 228 World Drama

ENGL 230 Women in Modern Literature

ENGL 231 African-American Literature

ENGL 232 Southern Fiction

ENGL 233 Tradition and Renewal in Native

American Literatures

ENGL 234 Shakespeare

- ENGL 235 Narratives of Personal Development
 ENGL 236 On the Road: Literature of Quest
 and Pilgrimage
 ENGL 238 Selected Readings in Caribbean Literature
 ENGL 299 Special Topics in Literary Analysis

Courses in British Literature Before 1660

These courses may be period surveys, courses in a single author, or courses in a special topic. English 310 may be taken more than once for credit as its content changes. Students also may count English 390 as one of their two pre-1660 courses.

- ENGL 301 Literature of the Middle Ages
 ENGL 302 Literature of the English Renaissance
 ENGL 303 Chaucer
 ENGL 304 Shakespeare
 ENGL 305 Critical Approaches to Shakespeare
 ENGL 306 Milton
 ENGL 310 Topics in British Literature Before 1660

Courses in British Literature Between 1660 and 1900

These courses may be period surveys, courses in a single author, or courses in a special topic. English 320 may be taken more than once for credit as its content changes.

- ENGL 311 English Literature of the
 Restoration and 18th Century
 ENGL 312 English Literature of the Romantic
 Movement
 ENGL 313 English Literature of the Victorian Period
 ENGL 320 Topics in British Literature 1660-1900

Courses in American Literature Before 1860

- ENGL 321 Early American Literature
 ENGL 322 Literature of the American Revolution
 ENGL 325 Age of the American Renaissance
 ENGL 326 From Revolution to Romanticism:
 American Fiction Through 1860
 ENGL 330 Special Topics in American Literature
 Before 1860

Courses in World Literature

These courses study the world of literatures outside the predominant British and American traditions. English majors must take one of the following courses.

- ENGL 331 Literatures of Africa
 ENGL 332 Literatures of the Caribbean
 ENGL 333 Literatures of South Asia
 ENGL 334 American Indian Literatures
 ENGL 335 Black Women Writers
 ENGL 336 Literatures of Globalization
 ENGL 337 Postcolonial Literatures
 ENGL 338 Versions of Tragedy
 ENGL 339 Epic Traditions
 ENGL 345 Topics in World Literature

Other Advanced English Courses

- ENGL 346 Twentieth-Century British Literature
 ENGL 347 Topics in Twentieth-Century British
 Literature

- ENGL 348 Modernist Sexuality
 ENGL 349 Late Imperial Fiction
 ENGL 353 American Realism and Regionalism
 ENGL 354 Literature of the American South
 ENGL 355 Race and Ethnicity in
 American Literature
 ENGL 356 Twentieth-Century American Poetry
 ENGL 357 From Modernism to Postmodernism:
 Twentieth-Century American Fiction
 ENGL 358 African-American Women Writers
 ENGL 359 Contemporary American Literature
 ENGL 360 Studies in the American Novel
 ENGL 365 Modern Drama
 ENGL 366 Contemporary British and American
 Drama
 ENGL 368 History and Aesthetics of Film
 ENGL 369 American Culture/American Film
 ENGL 370 Literature and Film
 ENGL 372 Topics in Film
 ENGL 375 Critics Since Plato
 ENGL 376 Modern Literary Theory
 ENGL 377 Poetics
 ENGL 378 The Novel in Theory and Practice
 ENGL 381 Modern Grammar
 ENGL 382 Topics in Advanced Composition
 ENGL 383 Introduction to Composition Theory and
 Pedagogy
 ENGL 384 Introduction to Creative Writing
 ENGL 385 Fiction Writing
 ENGL 386 Poetry Writing
 ENGL 387 Writing for the Stage
 ENGL 388 Individual Internship
 ENGL 389 Women and Creativity
 ENGL 390 Interdisciplinary Studies in the Middle
 Ages and Renaissance
 ENGL 391 Themes and Methods in Comparative
 Literature
 ENGL 392 Creative Nonfiction Writing
 ENGL 393 Literary Magazine Editing
 ENGL 397 Selected Topics in Writing
 ENGL 398 Independent Study
 ENGL 399 Selected Topics
 ENGL 498 Honors Seminar
 ENGL 499 Thesis Direction

Seminar Requirement

- ENGL 400 Junior/Senior Seminar

English 400 may be taken more than once for credit when topic changes. Students who have at least a 3.5 GPA in the English major may seek permission to take a 500-level M.A. seminar as a substitute for English 400. Students also may seek permission to take appropriate 400-level seminars in American Studies as courses that satisfy the seminar requirement in the English major.

COURSES

ENGL 100A-100B Interdisciplinary Writing

Provides students with critical writing/reading skills within interactive computer classroom. Focus on frames of inquiry which inform various academic disciplines. Part I (100A) includes introduction to computer technology and critical reading and writing with emphasis on personal responses to individual texts (visual and print) drawn from across disciplines, along with a short research-based assignment. Part II (100B) includes continuation of critical reading and writing with emphasis on cross-disciplinary texts, library skills orientation, research-based assignment, oral presentations, and collaboration on creating a Web site. (Limited to Bridge to Success students). 1-1 sem. hrs.

ENGL 103 Introduction to Expository Writing

Introduction to critical reading, thinking and writing across disciplines. Students must complete English 103 with grade of C or better to meet Communications I, Expository Writing general education requirement and receive credit toward graduation. 3 sem. hrs. (COM1)

ENGL 140 Topics in ESL and US Culture

Selected topics in ESL (English as a second language) and U.S. culture. International students will be able to improve their proficiency in English and understand U.S. culture simultaneously, through reading materials, videos, guest speakers and research that students themselves conduct. Topics will vary by semester. Can be taken for credit up to two times with change of topic. This course can be taken ONLY by ESL speakers. 2 sem. hrs.

ENGL 198 Teaching English as a Second Language through Literature and Film

Introduction to methods of teaching ESL. Emphasis on using literature and film as texts to enhance the ESL learning experience. Hands-on application of ESL theories. Includes experience with lesson planning, materials development and instructional technology. 3 sem. hrs.

ENGL 203 Children's Literature

Analysis of children's literature, from folk and fairy tales to today's stories, poems and novels for children. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 204 Literature and Culture

Representation of cultural identity and experience in works drawn from diverse cultural traditions. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 205 Latino/a Literature and Film

Representative films and literary works created by U.S. writers and filmmakers from a variety of Latin American

backgrounds. Explores questions of acculturation, identity, frontiers/borders, and mobility that have been the particular focus of these artists. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 206 Selected Readings in American Literature

Selected works reflecting one or more major patterns in American literature. Specific emphasis may change from term to term and will be announced each term. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 207 Revolutionary American Literature

Key texts, including political documents, essays, personal narratives, novels, plays, and poems, from the founding era when the young republic was trying to forge both a political and cultural identity for itself. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 208 Twentieth-Century American Fiction

Textual analysis of novels and shorter fiction representing diverse authors, themes, movements and techniques. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 214 Literature of India

Explores the multiple strains of the Indian novel that have emerged over the past 50 years. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 215 Reading Science Fiction

Analysis of selected works of science fiction. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 216 Literature, Technology and Society

Literary and nonliterary texts that react, in a given society and period of history, to technological change and social effects of technology. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 217 The Bible and Literature

Study of representative texts from Hebrew bible and New Testament, and examination of their relationships to later works of drama, poetry, short stories and the novel. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 218 African Literature

Representative works from written traditions in modern African literature. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 220 Film Studies

Introduces the methodology of film studies through close textual analysis of narrative film. Special attention paid to the international history of the medium, the language of production, and major critical approaches. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 221 Introduction to Poetry

Analysis of works by selected poets. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem hrs. (FSLT)

ENGL 222 Short Fiction

Rigorous textual analysis of short fiction as a means of defining its many formal and philosophical expressions. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 223 The Modern Novel

Analysis of selected 20th- and 21st-century novels. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 224 Great Novels

Selected major novels of 18th, 19th, and 20th centuries. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 226 Love and War in Medieval Literature

Selected readings in medieval literature (some in translation), with focus on literary representations of love and war. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 227 Life-Writing as Literature: Studies in Biography and Autobiography

Study of resources, methods, and aims governing the re-creation of individual lives by writers of biography and autobiography. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 228 World Drama

Analysis of significant works, both traditional and contemporary. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 230 Women in Modern Literature

Modern woman's search for identity and struggle for self-realization through study of selected figures from 19th- and 20th-century literature. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 231 African-American Literature

Survey of major works of African-American literature with attention to oral traditional contexts. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 232 Southern Fiction

Fiction of both old and new South with attention to themes, techniques and perspectives of the region. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 233 Tradition and Renewal in Native American Literatures

Selected works (songs, stories, novels and poetry) representative of oral and written traditions of American Indian cultures. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 234 Shakespeare

Analysis of selected plays and poems from variety of critical perspectives. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 235 Narratives of Personal Development

Analysis of literature of personal growth and human development, from autobiography and biography to various forms of fiction—bildungsroman, novels of education, fictionalized biography, autobiography in verse, etc. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 236 On the Road: Literature of Quest and Pilgrimage

Survey of literature of quest and pilgrimage with attention to issues of race and gender. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 238 Selected Readings in Caribbean Literature

Analysis of literary works from the Caribbean representing various periods, areas and groups. Focus mainly on English-speaking Caribbean, but occasional focus on Spanish, Dutch or French works in translation. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 299 Special Topics in Literary Analysis

Essentials of close textual analysis with special attention to theory, critical vocabulary and methodology of literary interpretation. The focus will vary from one section or semester to the next. *Prerequisite:* English 103 with a grade of C or better or exemption. 4 sem. hrs. (FSLT)

ENGL 301 Literature of the Middle Ages

Studies in British and Continental medieval literature from Beowulf through the 15th century with attention to social, cultural and political backgrounds. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 302 Literature of the English Renaissance

Studies in literature and cultural traditions of 16th- and

early 17th-century Great Britain. *Prerequisite:* A 200-level FSLT English course with grade of C or better. 4 sem. hrs.

ENGL 303 Chaucer

Selected early works, *Troilus and Criseyde* and *The Canterbury Tales*, with attention to Chaucer's life in context of late 14th-century culture and ideology. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 304 Shakespeare

Selected plays by Shakespeare grouped according to genre. The course will alternate between investigating the histories and tragedies and the comedies and romances. May be taken more than once for credit with permission of instructor as content changes. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 305 Critical Approaches to Shakespeare

Selected plays, with attention to different modes of critical analysis. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 306 Milton

Detailed study of the life and work of John Milton, with attention to cultural, political and intellectual backgrounds. Selected major and minor poems and prose with emphasis on *Paradise Lost*. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 310 Topics in British Literature Before 1660

Selected topics in British Literature from the 7th through the later 17th century, with attention to intellectual backgrounds and cultural context. Topics will vary by semester. May be taken more than once for credit. Recent topics have included Romance, Allegory and Mysticism in Medieval Literature; and Eros, Magic, and the Divine in the Renaissance Imagination. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 311 English Literature of the Restoration and 18th Century

Focus on representative British authors of the late 17th and 18th centuries. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 312 English Literature of the Romantic Movement

Focus on major British authors of the early 19th century with some attention to European currents and backgrounds. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 313 English Literature of the Victorian Period

Focus on representative British authors, 1832-1901, with attention to contemporary social, political, religious and scientific issues. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 320 Topics in British Literature 1660-1900

Selected topics in British Literature between 1660 and 1900. Topics may include, for example, the Victorian novel, romantic narrative poetry, Restoration comedy, or studies in a single author. Recent titles have included *The Idea of the Child in 19th-Century Literature and Religion and Romantic Literature*. May be taken more than once for credit. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 321 Early American Literature

Analysis of major texts produced in colonial British North America and the United States from the first European voyagers to North America in the early 17th century to the writers of the Early National Period. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better. 4 sem. hrs.

ENGL 322 Literature of the American Revolution

Close study of major literary, political and cultural texts and concerns of the Revolutionary and Early National periods. May often focus on questions related to the formation of a distinctly American culture that arises in the written works of the time. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better. 4 sem. hrs.

ENGL 325 Age of the American Renaissance

Readings in the traditional American Renaissance canon—Emerson, Hawthorne, Thoreau, Melville and Whitman—as well as other writers working in the period, such as Poe and Dickinson. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better. 4 sem. hrs.

ENGL 326 From Revolution to Romanticism: American Fiction Through 1860

Selected American novels and short fiction from the Early National period through the Civil War, with attention to the political and cultural contexts of these works. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better. 4 sem. hrs.

ENGL 330 Special Topics in American Literature Before 1860

In-depth treatment of topics in American literature before 1860. Topics vary from semester to semester. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better. 4 sem. hrs.

ENGL 331 Literatures of Africa

Survey of major writers from the African continent, with attention to historical and cultural contexts and to African oral traditions. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 332 Literatures of the Caribbean

Survey of Anglo-Caribbean literatures with emphasis on contemporary works. Occasional studies of Spanish, Dutch or French works in translation. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 333 Literatures of South Asia

An exploration of the multiple strains of the Indian novel that have emerged since 1950. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 334 American Indian Literatures

An examination of non-Western elements of representative traditional and contemporary American Indian oral and written verbal art. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 335 Black Women Writers

Study of major works by Black women writers from Africa, the Caribbean and the United States. Focus and content will be announced each semester. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 336 Literatures of Globalization

Selected contemporary fiction and criticism that considers problems of global economy, culture and language. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 337 Postcolonial Literatures

Survey of major debates and movements in postcolonial literature, with attention to cultural contexts. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 338 Versions of Tragedy

An exploration of the nature and function of tragedy in the West, based on a study of the theory of tragic drama and of representative works from the Greeks to the moderns. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 339 Epic Traditions

The development of the epic, including works by Homer, Virgil, Dante and James Joyce. Particular attention will be paid to the role of epic poetry in formulating notions of history and of national and cultural identity.

Prerequisite: A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 345 Topics in World Literature

Topics stated for term; may change from term to term. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 346 Twentieth-Century British Literature

Reflections of modern sensibility in fiction and poetry of native British and Irish authors and American expatriates. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 347 Topics in Twentieth-Century British Literature

Selected topics in British Literature 1900-2000. Topics vary by semester. May be taken more than once for credit. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 348 Modernist Sexuality

British fiction in the context of early 20th-century study on sexuality, including psychoanalysis, sexology and anthropology. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 349 Late Imperial Fiction

Late 19th- and early 20th-century British fiction and culture in the decades before decolonization. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 353 American Realism and Regionalism

American fiction of the late 19th century, with attention to the formation of a national literary culture and the concomitant development of regional voices. Authors studied may include Henry James, Mark Twain and Edith Wharton. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better. *4 sem. hrs.*

ENGL 354 Literature of the American South

Representative poetry and prose of the Southern states, with attention to cultural, social and political backgrounds. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 355 Race and Ethnicity in American Literature

Literature by American writers dealing with issues of racial or ethnic identity studied in relation to historical contexts. May be taken more than once as content changes. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better. *4 sem. hrs.*

ENGL 356 Twentieth-Century American Poetry

Analysis of representative works by major American poets, with demonstration of modern technical innovations and discussions of thematic concerns. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better. *4 sem. hrs.*

ENGL 357 From Modernism to Postmodernism: Twentieth-Century American Fiction

Attention to new concerns and new forms of fiction in the 20th century. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better or permission of instructor. *4 sem. hrs.*

ENGL 358 African-American Women Writers

Representative prose and poetry written by African-American women. Focus and content announced each semester. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 359 Contemporary American Literature

Close study of important recent texts (fiction, poetry and/or drama by U.S. authors or other contemporary writers who strongly influenced them) with respect to their special social, philosophical and aesthetic contexts. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better. *4 sem. hrs.*

ENGL 360 Studies in the American Novel

Selected American novels that may be drawn from the 18th century to the present; period or topic of study will vary. *Prerequisite:* A 200-level FSLT English course or American Studies 201 with a grade of C or better. *4 sem. hrs.*

ENGL 365 Modern Drama

British and American drama with attention to European backgrounds. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 366 Contemporary British and American Drama

Developments since World War II. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 368 History and Aesthetics of Film

Topics include major international directors, the conventions and innovations of popular genres, and key aesthetic movements. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 369 American Culture/American Film

Explores the intersection of American film and culture, with special attention to the dialogue between Hollywood and other institutions, ideologies and events. Specific topics vary from semester to semester.

Prerequisite: A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 370 Literature and Film

Examines the filmic adaptation of literary works—the Shakespearean drama, the 19th-century novel—with particular consideration given to questions of genre, interpretation and historical relevance. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 372 Topics in Film

Topics vary from semester to semester. Possible subjects include New Deal Hollywood, Conspiracy: Hollywood and the Cold War, Seeing Red: Films of the 1950s. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 375 Critics Since Plato

Ways of looking at art and literature in their philosophical context. Theories applied to a variety of literary texts. *Prerequisites:* A 200-level FSLT English course and three semester hours of 300-level English with grades of C or better. *4 sem. hrs.*

ENGL 376 Modern Literary Theory

Developments in literary theory from Formalism to the present. Schools and approaches include New Criticism, Feminism, Marxism, Structuralism, Deconstruction, Psychoanalytic Criticism, New Historicism and Cultural Studies. *Prerequisites:* A 200-level FSLT English course and three semester hours of 300-level English with grades of C or better. *4 sem. hrs.*

ENGL 377 Poetics

How creative tools available to poets shape and influence presentation of theme. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 378 The Novel in Theory and Practice

Considers novels in the context of a variety of theoretical approaches, asking what theory can tell us about the novel and, equally importantly, what the novel can tell us about theory. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 381 Modern Grammar

Introduction to linguistics, including theories and practices of structuralists and transformationalists. (Meets state licensure requirements for teaching, MLC 407, Topics in Linguistics, may be substituted for this licensure requirement.) *Prerequisite:* English 103 with a grade of C or better. *4 sem. hrs.*

ENGL 382 Topics in Advanced Composition

Special topics in writing with emphasis on the writing process. Can be taken for credit up to three times with change of topic. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. *4 sem. hrs.*

ENGL 383 Introduction to Composition Theory and Pedagogy

Serves as practicum for writing fellows and students seeking teacher licensure. *Prerequisite:* Permission of instructor. 4 sem. hrs.

ENGL 384 Introduction to Creative Writing

Introduction to general principles. Students' fiction and poetry receive critical evaluation through workshops and conferences. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 385 Fiction Writing

Analysis of literary models. Discussion and evaluation of students' own fiction. May be taken up to three times for credit. *Prerequisite:* English 384 with a grade of C or better. 4 sem. hrs.

ENGL 386 Poetry Writing

Analysis of literary models. Discussion and evaluation of students' own poetry. May be taken up to three times for credit. *Prerequisite:* ENGL 384 with a grade of C or better. 4 sem. hrs.

ENGL 387 Writing for the Stage

Analysis of literary models. Discussion and evaluation of students' own dramatic work. May be taken up to three times for credit. *Prerequisite:* English 384 with a grade of C or better. 4 sem. hrs.

ENGL 388 Individual Internship

Application of academic skills and theories in placement approved by department. Includes academic work. Supervised by member of the English faculty. Approximately 50 hours of work required for each hour of credit. No more than four semester hours of credit may be earned in English 388. *Prerequisites:* Three semester hours of 300-level English with a grade of C or better, written application in advance of internship, and recommendation of the English faculty member who will supervise the internship. 1-4 sem. hrs.

ENGL 389 Women and Creativity

Selected women writers, their work and relationship to their society. *Prerequisite:* A 200-level FSLT English course or Women, Gender and Sexuality Studies 200 with a grade of C or better. 4 sem. hrs.

ENGL 390 Interdisciplinary Studies in the Middle Ages and Renaissance

An interdisciplinary approach to the study of Middle Ages and Renaissance. Medieval and Renaissance perspectives on topics such as love, politics, individualism and the divine will be explored through study of selected works from literature, art, architecture, political theory, theology and philosophy of both periods. Modern historiographical studies also will be examined in

order to evaluate strengths and weaknesses of period constructions. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 391 Themes and Methods in Comparative Literature

Interdisciplinary approach to selected themes or topics in comparative literature. While theme may vary from year to year, it will provide basis for the study of literary relations as they exist across various boundaries: generic, historical, disciplinary and linguistic. Will also contain component on history and theory of comparative literature as a discipline, as well as brief unit on journals, bibliographies and resources particular to the discipline. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 392 Creative Nonfiction Writing

Analysis of literary models. Discussion and evaluation of students' own creative nonfiction. May be taken up to three times for credit. *Prerequisite:* English 384 with a grade of C or better. 4 sem. hrs.

ENGL 393 Literary Magazine Editing

Editorial work with *Verse*, an international poetry magazine. May be taken up to three times for credit. *Prerequisite:* English 384 with a grade of C or better. 2 sem. hrs.

ENGL 397 Selected Topics in Writing

Topics in creative writing. These will vary from semester to semester at the discretion of the instructor. *Prerequisite:* English 384 with a grade of C or better. 4 sem. hrs.

ENGL 398 Independent Study

Individually designed course of study conducted under supervision of faculty member. *Prerequisite:* Approval of directing faculty member. 1-4 sem. hrs.

ENGL 399 Selected Topics

Topics will vary from semester to semester. *Prerequisite:* A 200-level FSLT English course with a grade of C or better. 4 sem. hrs.

ENGL 400 Junior/Senior Seminar

In-depth treatment of topics in genre, historical periods, critical theory and other areas of literary study. Topics vary from semester to semester. Recently offered topics include Romance, Picaresque Fiction, the Novels of George Eliot and Elizabeth Gaskell, and Poetry of the Native American Renaissance. English majors are expected to take one advanced seminar in the junior year and at least one in the senior year. May be taken more than once for credit, provided topics are different. *Prerequisites:* A 200-level FSLT English course and two 300-level English courses with grades of C or better. 4 sem. hrs.

ENGL 498 Honors Seminar

Seminar for students preparing to write an English honors thesis. *Prerequisite:* Department approval. 2 sem. hrs.

ENGL 499 Thesis Direction

Research and writing of honors thesis in English. *Prerequisite:* Department approval. 4 sem. hrs.

ENVIRONMENTAL STUDIES

Christopher L. Stevenson, Coordinator

Associate Professors Harrison (Environmental Studies and Geography), Stevenson (Chemistry and Environmental Studies)

Assistant Professor Brook (Environmental Studies and Geography)

The environmental studies major consists of courses in the natural sciences, social sciences, humanities, law and business.

The Environmental Studies Major

Note: The grade point average of all the coursework comprising the major in environmental studies must be no less than 2.00 with no course grade below C- (1.70).

For the Bachelor of Arts degree, 37 hours including:

- ENVR 201 Introduction to Environmental Studies
- ENVR 230 Environmental Economics
- ENVR 269 Environmental Ethics
- ENVR 301 Environmental Research Methods
- ENVR 362 Environmental Law and Policy
- ENVR 391 Environmental Senior Seminar
- One course in environmental life science: BIOL 109* or BIOL 210*
- One course in physical environmental science: CHEM 110*, CHEM 316*, or ENVR 250
- Twelve credit hours of electives approved for Environmental Studies. Must include at least two hours of an approved experiential learning component (ENVR 388, ENVR 320, or equivalent).

**Credit toward the Environmental Studies major will be given for either CHEM 110 or CHEM 316, but not both. Credit toward the Environmental Studies major will be given for either BIOL 109 or BIOL 330, but not both.*

For the Bachelor of Science degree, same as for B.A. plus MATH 212 or 232 and six credit hours in natural science courses at or above the 300 level.

Concentrations in Environmental Studies

Note: a student does not have to choose a concentration in order to receive a degree in Environmental Studies. Students may satisfy the elective hours requirement of the degree by pursuing one of the following concentrations:

Environmental Science Concentration: Twelve hours of electives chosen from BIOL 108, BIOL 225, BIOL 306, BIOL 318, BIOL 328, BIOL 330, BIOL 332, BIOL 333, BIOL 334, BIOL 341, BIOL 344, BIOL 383, CHEM 110, CHEM 301, CHEM 302, CHEM 303, CHEM 316, ENVR 250, ENVR 260, ENVR 360, ENVR 365, MATH 324.

Environment and Society Concentration: Twelve hours of electives chosen from ECON 211, ECON 330, ENGL 233, ENVR 260, ENVR 365, GEOG 320, GEOG 345, GEOG 370, HIST 390, IS 301, JOUR 304, MGMT 348, PLSC 260, PLSC 360, PSYC 317.

Experiential learning (ENVR 388, ENVR 320, or equivalent) and Special Topics (ENVR 300) may be counted towards a Concentration with approval of the Environmental Studies Coordinator.

The Environmental Studies Minor

Note: The grade point average of all the coursework comprising the minor in environmental studies must be no less than 2.00 with no course grade below C- (1.70).

Nineteen hours of Environmental Studies courses, including:

- ENVR 201 Introduction to Environmental Studies
- ENVR 269 Environmental Ethics
- Either ENVR 230 Environmental Economics or ENVR 362 Environmental Law and Policy
- One course in environmental life science: BIOL 109* or BIOL 330*
- One course in physical environmental science: CHEM 110*, CHEM 316*, or ENVR 250
- One approved elective in Environmental Studies

**Credit toward the Environmental Studies minor will be given for either CHEM 110 or CHEM 316, but not both. Credit toward the Environmental Studies minor will be given for either BIOL 109 or BIOL 330, but not both.*

Environmental Studies Electives**Biology**

BIOL 108	Environmental Biology
BIOL 225	Evolution
BIOL 306	Systematic Botany
BIOL 318	Field Biology
BIOL 328	Vertebrate Zoology
BIOL 330	Ecology
BIOL 332	Tropical Marine Biology
BIOL 333	Microbial Ecology
BIOL 334	Oceanography
BIOL 341	Animal Physiological Ecology
BIOL 344	Behavioral Ecology
BIOL 383	Tropical Biology & Conservation

Chemistry

- CHEM 110 Pollutants in the Environment
 CHEM 301 Quantitative Chemical Analysis
 CHEM 302 Instrumentation and Spectroscopy
 CHEM 303 Chemical Separations
 CHEM 316 Environmental Chemistry

Note: Credit towards the Environmental Studies major will be given for either CHEM 110 or CHEM 316, but not both.

Economics

- ECON 211 Economic Development in Asia, Africa & Latin America
 ECON 330 Environmental and Resource Economic Theory

English

- ENGL 233 Tradition & Renewal in Native American Literatures

Geography

- GEOG 250 Introduction to Earth Systems and Physical Geography
 GEOG 260 Introduction to Geographic Information Systems
 GEOG 320 Power, Space and Territory: Geographies of Political Change
 GEOG 345 Society, Economy and Nature: Global Perspectives on Sustainable Development
 GEOG 360 Environmental Remote Sensing
 GEOG 365 Advanced Spatial Analysis
 GEOG 370 Geographies of Economic Development and Globalization

History

- HIST 390 Food & Power in Africa and Asia

Journalism

- JOUR 304 Reporting on the Environment *

Management

- MGMT 348 Environmental Management

Math

- MATH 324 Continuous Math Models

Political Science

- PLSC 260 Introduction to Public Policy
 PLSC 360 International Development Policy

Psychology

- PSYC 317 Applied Social Psychology: Theory and Research

*permission of instructor needed for ES students without prerequisites

COURSES**ENVR 201 Introduction to Environmental Studies**

Overview of contemporary environmental issues, including species extinction, resource depletion and pollution. Students examine behavior leading to environmental degradation, the scientific, ethical and economic aspects of the resulting problems, and study policies intended to provide solutions. *3 sem. hrs.*

ENVR 230 Environmental Economics

(See Economics 230) *Prerequisite:* Economics 101. *3 sem. hrs.*

ENVR 250 Introduction to Earth Systems and Physical Geography

(See Geography 250; same as Biology 250) *4 sem. hrs.* (FSNB)

ENVR 260 Introduction to Geographic Information Systems

(See Geography 260; same as Biology 260) *3 sem. hrs.*

ENVR 269 Environmental Ethics

(See Religion 269) *3 sem. hrs.*

ENVR 300 Special Topics

Selected topics about the environment. *1-4 sem. hrs.*

ENVR 301 Environmental Research Methods

Strategies of data collection and methods of evaluating and interpreting data on the environment. Emphasis on multidisciplinary sources of data derived from such diverse sources as sociology, epidemiology, ecology and laboratory experimentation. *Prerequisites:* Environmental Studies 201; Math 119 (or Business Administration 201 or Chemistry 300 or Psychology 200). *3 sem. hrs.*

ENVR 320 Directed Research

Research with a faculty member in an environmental area. *1 sem. hr.*

ENVR 330 Environmental and Resource Economic Theory

(See Economics 330) *Prerequisite:* Economics 271. *3 sem. hrs.*

ENVR 345 Society, Economy, and Nature: Global Perspectives on Sustainable Development.

(See Geography 345; same as Sociology 345) *Prerequisite:* International Studies 290 or Environmental Studies 201 or Sociology 101. *3 sem. hrs.*

ENVR 360 Environmental Remote Sensing

(See Geography 360; same as Biology 360) *Prerequisite:* Environmental Studies/Biology/Geography 260 or permission of instructor. *3 sem. hrs.*

ENVR 362 Environmental Law and Policy

(See Political Science 362) *Prerequisite:* Environmental Studies 201 or Political Science 260. *3 sem. hrs.*

ENVR 365 Advanced Spatial Analysis

(See Geography 365) *Prerequisite:* Environmental Studies/Geography/Biology 260. 3 sem. hrs.

ENVR 388 Individual Internship

Prerequisite: Permission of Environmental Studies coordinator. 2 sem. hrs.

ENVR 391 Environmental Senior Seminar

Close study of a current environmental problem. Student develops a project to address the problem using approaches and skills from the Environmental Studies core and elective courses. *Prerequisite:* Environmental Studies 301. 3 sem. hrs.

FRENCH PROGRAM***Department of Modern Literatures and Cultures***

Kasango Kapanga, Section Coordinator

Professor Ravaux-Kirkpatrick, Terry

Associate Professor Kapanga

Assistant Professors Pappas, Radi

Director of Intensive Language Program Baker

Director of Multimedia Language Laboratory Scinicariello

This section contains information specific to the degree programs in French. For full information regarding departmental policies relevant to all the MLC degree programs, study abroad and course sequencing, see the main page of the Department of Modern Literatures and Cultures.

Study Abroad

Study and travel abroad are strongly encouraged for all students. For students of French, the department offers summer study programs in France. In addition, there are exchange agreements for study during the academic year in France, Quebec and West Africa; others are being negotiated. For a complete list, contact the Office of International Education.

Introductory courses in literature, numbered 321-332, fulfill the Literary Studies field-of-study requirement in the general education curriculum.

French Major

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.70).

Requirements:

- Four 300-level courses, including two of the four Introduction to Literary Studies courses (Poetry, Theatre, Prose, Francophone Survey). Students prepare for the Introduction to Literary Studies courses by completing FREN 305 and either 301, 306 or 311.
- Four 400-level courses; at least three must be numbered 411 or higher (literature/culture seminars)

- One elective at any level (may be an MLC course with LAC component)
- Senior portfolio project (noncredit)

French Major/International Business Option

(Earned in conjunction with a major in the Robins School of Business with an International Business concentration.)

Requirements:

- Three 300-level courses (at least one FSLT), normally taken prior to study abroad
- One semester full-time study at an approved business school (with all-French curriculum) in a French-speaking country
- Two 400-level seminars upon return to Richmond
- Senior portfolio project (noncredit)

The French Major/International Business Option represents a joint project between the Department of Modern Literatures and Cultures and the International Business Program in the Robins School of Business. The curriculum includes a semester abroad at one of the University's partner institutions (for example, IFI-Rouen, EPSCI, MICEFA/Université Paris IX). There students will continue their business concentrations in classes with both local and other international students.

To prepare for the experience abroad, students will have a solid base of 300-level French courses taken on the Richmond campus. Upon return, they will broaden their knowledge of literary and cultural studies through advanced seminars as well as additional Robins School of Business coursework. The French component of this program thus consists of five courses taken on campus plus four or five courses taken abroad, or the equivalent of a nine-course major in MLC. French/IB Option students also will complete the senior portfolio project.

Related Majors

See International Studies curriculum for the following French-related majors: African Studies, International Economics, Modern Europe, World Politics and Diplomacy.

Combined Major in French and English Literature

The combined program in French and English is intended for students who wish to pursue in-depth work in both languages and literary traditions.

French Minor

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.70).

- Four courses at the 300 level (at least two literature courses)
- One 400-level course

COURSES

FREN 121 Intensive Elementary French

Introduction to French language and culture. Emphasis on oral communication. Development of elementary reading and writing skills. *Prerequisite:* Permission of department. 6 sem. hrs.

FREN 221 Intensive Intermediate French

Reinforcement of communicative language skills. Increased emphasis on reading, writing and culture. *Prerequisite:* French 121 or permission of department. 6 sem. hrs. (COM2)

FREN 301 French Conversation through Cinema

Development of speaking ability in French, with stress upon vocabulary expansion, pronunciation and communicative accuracy, through representations of French culture in film. *Prerequisite:* French 221 or permission of department. 4 sem. hrs.

FREN 304 French Grammar Review

An in-depth study of French grammar designed to improve the written expression of more advanced students in preparation for writing. *Prerequisite:* French 301 or 305. 4 sem. hrs.

FREN 305 French Composition

Development of competent writing skills on variety of textual genres such as narration, description and essay. *Prerequisite:* French 221 or permission of department. 4 sem. hrs.

FREN 306 French at Work

Task-based course designed to develop students' ability to interact in French situations specific to the workplace. Acquisition of business terminology and etiquette and exploration of cross-cultural differences, economic and political issues influencing business in the French-speaking world. *Prerequisite:* French 221 or permission of department. 4 sem. hrs.

FREN 311 Life and Issues in the French-Speaking World

Exploration of significant themes and issues in contemporary French and Francophone cultures set in the context of French history and cultural traditions. *Prerequisite:* French 221 or permission of department. 4 sem. hrs.

FREN 321 Introduction to French Literature: Poetry

Introduction to French poetry and literary analysis. Fundamental questions concerning the nature of poetry as artistic phenomenon. *Prerequisites:* French 305 plus one of the following: French 301, 304, 306 or 311. 4 sem. hrs. (FSLT)

FREN 322 Introduction to French Literature: Theater

Introduction to French theater through literary analysis of representative plays from Middle Ages to the present.

Prerequisites: French 305 plus one of the following: French 301, 304, 306 or 311. 4 sem. hrs. (FSLT)

FREN 323 Introduction to French Literature: Prose

Introduction to French literature and literary analysis emphasizing both narrative and nonnarrative prose. *Prerequisites:* French 305 plus one of the following: French 301, 304, 306 or 311. 4 sem. hrs. (FSLT)

FREN 324 Introduction to Francophone Literature

Introduction to Francophone texts by African, Caribbean, Maghrebian and Canadian writers from the Negritude era to the Post-Colonial period. *Prerequisites:* French 305 plus one of the following: French 301, 304, 306 or 311. 4 sem. hrs. (FSLT)

FREN 388 Individual Internship

(See Modern Literatures and Cultures 388.) *Prerequisite:* Permission of the department. 1-2 sem. hrs.

FREN 397 Selected Topics

Prerequisite: French 221 or permission of department. 1-4 sem. hrs.

FREN 402 Advanced French Conversation

Development of advanced speaking skills beyond 301 level. *Prerequisite:* French 301. 4 sem. hrs.

FREN 404 Advanced Composition and Syntax

Further refinement of written expression and advanced grammar review. *Prerequisite:* French 305. 4 sem. hrs.

Prerequisite to French courses numbered 411 or above is two of the following: French 321, 322, 323 or 324 or permission of department.

FREN 411 The French Middle Ages

Analysis of issues such as morality and literacy, governance, social order, human values and ideals, authorship, gender, and artistic production as manifested in significant texts from the 11th to the 15th centuries. *Prerequisites:* Two of the following: French 321, 322, 323, 324. 4 sem. hrs.

FREN 421 Renaissance

Exploration of literature of a France transformed by Reformation and Renaissance: the poetry of love; devotion and play; the prose of wisdom. *Prerequisites:* Two of the following: French 321, 322, 323, 324. 4 sem. hrs.

FREN 431 Le Siècle Classique

Exploration of both triumphs and powerful tensions within 17th-century culture, with attention to such issues as political patronage of the arts, women intellectuals and salon culture, courtly life at Versailles, social satires of Molière, and place of dissent within the absolutist state. *Prerequisites:* Two of the following: French 321, 322, 323, 324. 4 sem. hrs.

FREN 441 Enlightenment

Literary and philosophical texts of 18th century, emphasizing questions on selfhood, social life, gender relations and power. Topics include the libertine tradition, novel and society, women writers and Enlightenment's others. *Prerequisites:* Two of the following: French 321, 322, 323, 324. *4 sem. hrs.*

FREN 451 From Romanticism to Decadence

Issues of gender, subjectivity and sociohistorical contexts in works by poets, novelists and historians in the numerous and varied cultural movements of 19th-century France. Recent topics include desire and representation in the novel, "Fin de Siècle," Symbolist Poetry and Romanticism. *Prerequisites:* Two of the following: French 321, 322, 323, 324. *4 sem. hrs.*

FREN 461 From Modern to Postmodern

Trends in 20th century and contemporary French poetry, drama and fiction, set in the context of painting, film and other experimental art forms. Recent topics include otherness, gender, creativity, the nature of truth, and the quest for self-expression. *Prerequisites:* Two of the following: French 321, 322, 323, 324. *4 sem. hrs.*

FREN 465 French Film

Survey of development of French cinema with emphasis on the contemporary period. Introduction to film aesthetics and film theories. Film topics include French current events and trends, personal and social challenges, ethnicity, women's issues and historical or political perspectives. *Prerequisites:* Two of the following: French 321, 322, 323, 324. *4 sem. hrs.*

FREN 471 Francophone Studies

Literary and cultural studies of modern Francophone texts by African, Caribbean, Québécois, Maghrebian and other French-speaking writers. Recent topics include: tradition, postcolonialism and modernity; aesthetics; *négritude*; and globalization. *Prerequisites:* Two of the following: French 321, 322, 323, 324. *4 sem. hrs.*

FREN 487 Contemporary Ideas

Readings and discussion of recent works which have provoked political or intellectual debate in France and the French-speaking world. *Prerequisites:* Two of the following: French 321, 322, 323, 324. *4 sem. hrs.*

FREN 495 Independent Study

Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

FREN 497 Selected Topics

Experimental topics based on student and faculty interests. Recent topics: Autobiography, The Emergence of Drama, The Letter in Philosophy and Literature, Women Writing in French. *Prerequisites:* Two of the following: French 321, 322, 323, 324. *1-4 sem. hrs.*

GEOGRAPHY

Associate Professor Harrison
Assistant Professor Brook

The Geography Minor

Note: No grade below a C- (1.70) will be allowed for credit within the minor.

Eighteen hours in Geography, including

- GEOG 210
- GEOG 250
- Elective hours sufficient to bring the total hours in Geography to 18

A maximum of four hours will be allowed from GEOG 390 and two hours from GEOG 388.

COURSES**GEOG 206 World Regional Geography—Developed Regions**

World's economically developed areas (Europe, North America, Australia, CIS [former Soviet Union], Japan). *3 sem. hrs.*

GEOG 207 World Regional Geography—Developing Regions

World's economically developing areas (Middle America, South America, Southwest Asia, Southeast Asia, India, China, Africa, Middle East). *3 sem. hrs.*

GEOG 210 Geographic Dimensions of Human Development

Introduction to geographic approaches to study of cultural, societal, economic, political and environmental change. Topics include: spatial analysis techniques and theories; population distributions and migration; cultural geographies; global economic development and its distribution; urbanization; political geography; and human-environment relations. (Same as International Studies 210). *3 sem. hrs.* (FSSA)

GEOG 250 Introduction to Earth Systems and Physical Geography

Basic concepts of earth systems science and physical geography. Includes earth-sun relationships, weather and climate, environmental hydrology, landforms and geomorphology, climate change, and human-environment interactions. (Same as Biology 250 and Environmental Studies 250.) *4 sem. hrs.* (FSNB)

GEOG 260 Introduction to Geographic Information Systems

Concepts of mapping and spatial analysis using the ArcView GIS software package. Includes map analysis, data presentation, analysis of spatial relationships, the creation of spatial and tabular data, and the introduction of ArcView software extensions. (Same as Biology 260 and Environmental Studies 260.) *3 sem. hrs.*

GEOG 320 Power, Space and Territory: Geographies of Political Change

Analyses of and explorations into the spatial dimensions and geographic characteristics of global, regional and local political change; and the political economy and ecology of globalization. Topics include: imperialism, world systems theory; nationalism; regionalism; electoral geography; race, class and gender; political economy of trade and foreign aid; and political ecology. (Same as International Studies 320 and Political Science 320) *Prerequisite:* Geography 210 or Political Science 240 or 250. 3 sem. hrs.

GEOG 345 Society, Economy and Nature: Global Perspectives on Sustainable Development

Applies geography's human-environment tradition to examine social, cultural and economic dimensions of sustainability and sustainable development. Examinations into foundations and theories behind the concept of sustainable development, discussions and debates about its real-world applicability, and explorations into case studies addressing relationships and contradictions between human desires for material well-being, environmental protection, and maintenance of cultural and/or social traditions. (Same as Environmental Studies 345 and Sociology 345) *Prerequisites:* Geography 210 or Environmental Studies 201 or Sociology 101. 3 sem. hrs.

GEOG 360 Environmental Remote Sensing

Concepts of image acquisition, image interpretation and satellite remote sensing. Includes electromagnetic spectrum concepts, acquisition of image data, visual characteristics of vegetation and landforms, image interpretation, classification and transformation, and integration of remotely sensed imagery into other spatial analysis systems. Student research projects. (Same as Biology 360 and Environmental Studies 360.) *Prerequisite:* Environmental Studies/Biology/Geography 260 or permission of instructor. 3 sem. hrs.

GEOG 365 Advanced Spatial Analysis

Advanced topics in Geographic Information Systems (GIS) theory and application. Topics include use of the Spatial Analyst, 3-D Analyst, raster data sets, the Idrisi software System, projects in environmental location analysis, retail site location, and application of GIS techniques to biological, environmental, and social science issues. (Same as Environmental Studies 365) *Prerequisites:* Environmental Studies/Biology/Geography 260. 3 sem. hrs.

GEOG 370 Geographies of Economic Development and Globalization

Geographic perspectives on economic development and spatial analysis of trends in the global economy. Topics include: natural resource location and distribution;

commodity flows and chains; technological change and diffusion; international trade; entrepreneurship and innovation; industrial location theory; social and cultural dimensions of development; geographies of labor; and regional development theories and trends. (Same as Economics 212) *Prerequisites:* Geography 210 or Economics 101 and 102. 3 sem. hrs.

GEOG 380 Selected Topics.

May be repeated when topics vary. (Same as International Studies 350) 1-4 sem. hrs.

GEOG 388 Individual Internship

Prerequisite: Permission of supervising instructor. 1-6 sem. hrs.

GEOG 390 Independent Study.

Topics independently pursued under supervision of a faculty member. *Prerequisite:* Permission of Instructor. 1-3 sem. hrs.

GERMAN STUDIES PROGRAM

Department of Modern Literatures and Cultures

Section Coordinator Thomas Bonfiglio

Professor Bonfiglio

Associate Professor Bower

Director of German Language Program Sulzer-Reichel

This section contains information specific to the degree programs in German Studies. For full information regarding departmental policies relevant to all the MLC degree programs, study abroad, and course sequencing, see the main page of the Department of Modern Literatures and Cultures.

Study Abroad

Study and travel abroad are strongly encouraged for all students. German Studies students can take advantage of semester or year exchange programs in Konstanz and Munster, Germany, as well as the summer program in Berlin.

German 321, Introduction to German Literature, satisfies the Literary Studies field-of-study requirement in the general education curriculum.

German Studies Major

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.70).

Requirements: Nine courses (and a two hour senior research project)

- GERM 301 Conversation and Composition
- GERM 311 Culture & Civilization
- GERM 321 Introduction to German literature (18th-20th century)

- Three 400-level courses in German
- AND
- Three additional courses selected from the list below (no more than two courses can be taken in a specific area; LAC in German required for all three courses)
 - MLC 256 Psychoanalysis, Literature and Culture
 - MLC 350 Linguistics
 - MLC 360 Representing the Holocaust
 - MLC 365 German Film in Context
 - HIST 229 The Reformation
 - HIST 240 European Thought 1650-1850
 - HIST 241 European Thought since 1850
 - HIST 242 Modern Germany
 - HIST 244 The Hapsburg Empire and After
 - HIST 248 European Diplomacy from Bismarck to Hitler
 - HIST 249 Twentieth-Century Europe
 - HIST 399 Holocaust
 - PHIL 275 Marx, Nietzsche, Freud
 - PHIL 336 Nineteenth-Century European Philosophy
 - PHIL 339 Existentialism
 - PHIL 344 Twentieth-Century Continental Philosophy
 - PHIL 357 Nietzsche
 - RELG 356 Renaissance and Reformation

In addition to the courses listed above, the German Studies major must complete a two-hour senior research project (GERM 498-499) on a topic determined in consultation with the German Studies faculty, to result in a 20 page paper written in English or German.

German Major/International Business Option

(Earned in conjunction with a major in the Robins School of Business with an International Business concentration.)

Requirements:

- Six courses in German at the 300 or 400 level
- One semester full-time study at the Vienna University of Economics and Business Administration
- Two-hour senior research project on a topic connected to the combined major, resulting in a paper of 20 pages written in English or German.

The German Major/International Business Option represents a joint project between the Department of Modern Literatures and Cultures in the School of Arts and Sciences and the International Business Program in the Robins School of Business. The curriculum includes a semester abroad at one of the University's partner institutions. There, students will continue their Robins School concentrations in classes with both local and other international students.

In order to prepare for the experience abroad, students in German will need to have completed at least German 202 on the Richmond campus; they must take at least one concurrent course in German while in Vienna.

Related Majors

Combined Major in German and English Literature

The combined program in German and English is intended for students who wish to pursue in-depth work in both languages and literary traditions.

See International Studies curriculum for the following MLC-related majors: Modern Europe, World Politics and Diplomacy.

German Studies Minor

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.70).

Requirements: Five courses

- GERM 301 Conversation and Composition
- GERM 311 Culture & Civilization
- GERM 321 Introduction to German literature (18th-20th century)
- One 400-level course in German
- One course from the following list, with LAC in German:
 - MLC 256 Psychoanalysis, Literature and Culture
 - MLC 350 Linguistics
 - MLC 360 Representing the Holocaust
 - MLC 365 German Film in Context

COURSES

GERM 101-102 Elementary German

Introduction to German language and culture. *Prerequisite:* German 101 is prerequisite to 102. *3-3 sem. hrs.*

GERM 201-202 Intermediate German

Active practice and reinforcement of language skills and study of culture. *Prerequisite:* German 102 or permission of department. German 201 is prerequisite to 202. *3-3 sem. hrs. (202 only, COM2)*

GERM 301 German Conversation and Composition

Development of fluency through conversation on topics selected for learning most common idiomatic expressions. Practice in composition. German 321 may be taken concurrently. *Prerequisite:* German 202 or permission of department. *4 sem. hrs.*

GERM 305 German Grammar and Composition

Concise review of basic principles of German grammar and development of competent writing skills. German 321 may be taken concurrently. *Prerequisite:* German 202 or permission of department. *4 sem. hrs.*

GERM 311 German Culture and Civilization

An overview of the movements affecting cultural development in German-speaking countries from the Reformation to the present through the analysis of selected historical documents, literary and philosophical texts, films and the visual arts. *Prerequisite:* German 202 or permission of instructor. 4 sem. hrs.

GERM 321 Introduction to German Literature

Introduction to analysis and interpretation of literary texts in their aesthetic, historical, socioeconomic and cultural contexts. Attention to representation, polyphony, rhetorical devices and politics of text. Development of written critical apparatus. *Prerequisite:* German 202 or permission of department. 4 sem. hrs. (FSLT)

GERM 388 Individual Internship

(See Modern Literatures and Cultures 388.) *Prerequisite:* Audition/Permission of department. 1-2 sem. hrs.

GERM 397 Selected Topics

1-4 sem. hrs.

GERM 402 Advanced German Conversation

Discussion at advanced level of fundamental themes in development of German thought or production of German play. *Prerequisite:* German 301. 4 sem. hrs.

GERM 404 Advanced Composition and Syntax

Advanced grammar, syntax and stylistics. *Prerequisite:* German 301. 4 sem. hrs.

GERM 440 The Age of Idealism

Survey of major movements of 18th and early 19th centuries: enlightenment, storm and stress, classicism and romanticism. Analysis of texts by Lessing, Kant, Winckelmann, Goethe, Schiller, Schlegel, Tiede, Kleist and Novalis. Taught in German. *Prerequisite:* German 321. 4 sem. hrs.

GERM 452 Fin-de-siècle

A comparison of Austrian writers from 1900s and 2000s, including Freud, Schnitzler, Kafka, Mach, Steerwitz, Jelinke and others. *Prerequisite:* German 321. 4 sem. hrs.

GERM 465 Rebels with a Cause: Political Satire

Examination of political and socially critical poetry and prose from the 19th century to the present. Authors include Heine, Brecht, Enzensberger and Biermann. *Prerequisite:* German 321. 4 sem. hrs.

GERM 471 Sexuality and German Society

Examination of various representations of sexuality and the construction of gender in 20th-century German literature and film. *Prerequisite:* German 321. 4 sem. hrs.

GERM 472 Multiculturalism, Identity and Authorship in the German Context

Investigation of literary and filmic texts from Expressionism to the present to examine increasing diversity and

complexity of identities and social relations in the German context. *Prerequisite:* German 321. 4 sem. hrs.

GERM 495 Independent Study

Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. 1-4 sem. hrs.

GERM 497 Selected Topics

Special interest topics offered at department's discretion. *Prerequisite:* German 321. 1-4 sem. hrs.

GERM 498 Senior Research Project

Consultation with faculty mentors and selection of topic for research project. *Prerequisite:* Senior standing. 0 sem. hrs.

GERM 499 Senior Research Project

Research and written completion of senior project. *Prerequisite:* Senior standing. 2 sem. hrs.

GREEK**Department of Classical Studies**

Dean W. Simpson, Chair

Associate Professors Laskaris, Simpson, Stevenson, Wheeler

No Greek 100- or 200-level course may be used to meet the Literary Studies field-of-study requirement.

The Greek Major

Note: A grade of not less than C- (1.70) is required in all coursework comprising the Greek major.

Thirty-six semester hours including 12 hours of a core curriculum and 24 hours of Greek:

I. Core Curriculum, 12 hours

- CLSC 301 Greek Art and Archaeology, 3 hours
- CLSC 305 Greek and Roman Values OR CLSC 306 The Classical Tradition, 3 hours
- HIST 220 The Aegean Bronze Age OR HIST 221 Classical Greece 4 hours
- GREK 498 Major Seminar, 3 hours

II. Twenty-four semester hours of Greek

Note: A minimum of two years of Latin is recommended for students intending to pursue graduate study.

Related Majors**Combined Major in Greek and English Literature**

The combined program in Greek and English is intended for students who wish to pursue in-depth work in both languages and literary traditions.

The Greek Minor

Note: A grade of not less than C- (1.7) is required in all coursework comprising the Greek major or minor.

Eighteen semester hours of Greek with at least six semester hours at the 300 or 400 level.

Note: Greek 202 or permission of department is prerequisite for all 300- and 400-level Greek courses.

COURSES

GREK 101-102 Elementary Greek

Introduction to ancient Greek language and culture. *Prerequisite:* Greek 101 is prerequisite to 102. 3-3 sem. hrs.

GREK 201-202 Intermediate Greek

Continued study of ancient Greek language and culture plus selected readings. *Prerequisite:* Greek 102 or permission of department. Greek 201 is prerequisite to 202. 3-3 sem. hrs. (202 only, COM2)

GREK 301 Greek Epic

Readings from Homer's Iliad and Odyssey. *Prerequisite:* Greek 202 or permission of department. 3 sem. hrs.

GREK 302 Greek Drama

Readings from Sophocles and Euripides. *Prerequisite:* Greek 202 or permission of department. 3 sem. hrs.

GREK 303 Greek Historiography

Readings from Herodotus and Thucydides. *Prerequisite:* Greek 202 or permission of department. 3 sem. hrs.

GREK 304 Greek Philosophical Prose

Readings from Plato and Aristotle. *Prerequisite:* Greek 202 or permission of department. 3 sem. hrs.

GREK 398 Selected Topics

Topics or themes in Greek literature. *Prerequisite:* Greek 202 or permission of department. 3 sem. hrs.

GREK 498 Major Seminar

Required of all majors. Study of research strategy and methodology inherent in classical studies. Preparation of research paper. *Prerequisite:* Permission of department. 3 sem. hrs.

GREK 499 Independent Study

Content adapted to the requirements and interests of participant. *Prerequisite:* Permission of department. 1-3 sem. hrs.

HISTORY

Department of History

Hugh A. West, Chair

Professors Bak, Gordon, Kenzer, Summers, Treadway

Douglas Southall Freeman Professors Dan Carter (Spring 2007), Elaine Tyler May (Spring 2008)

Associate Professors Drell, Holton, Mack-Shelton, Watts, H. West

Assistant Professors Brandenberger, Sackley, Yanikdag, Yellin

Affiliated Faculty: Howard (Center for Civic Engagement), Leary (University Professor), Pagan (Law), Roberts (Continuing Studies), Stevenson (Classics), Wheeler (Classics)

The History Major

Note: A grade of not lower than C (2.0) is required in each course comprising the major or minor.

Nine courses, totaling 33-35 semester hours in History, with no more than three at the 100 level and including the following:

- History 100
- One course each in United States, Europe and ALAMEA (Asia, Latin American, Middle East, Africa)
- One course at the 300 level
- History 400

History 100- and 300-level courses may be applied to the distribution requirement.

The History Minor

Note: A grade of not lower than C (2.0) is required in each course comprising the major or minor.

Five courses totaling at least 15 semester hours in History, with no more than two at the 100 level.

Honors Program

Majors who meet the Arts and Sciences requirements for departmental honors are encouraged to apply for and pursue the honors program in history. To earn honors in history a student must complete 12 semester hours in Honors courses:

- History 410 Historiography, 4
- History 411 Honors Thesis Prospectus, 1
- History 412-413 Honors Thesis, 3-4

Honors students are exempt from History 400, but must satisfy all other requirements for the major. History 410 may be applied to any field requirement in the major.

Internships

The Department of History has a program of prearranged individual internships. Interested students should inquire in the department or check the department Web page for details.

History Courses

100 Level: Foundation Course and Comprehensive Surveys

For beginners, either introducing them to the discipline of history as a whole or offering them a broad foundation of knowledge in several regional histories as basis for more focused study. History 100 is discussion based; the other 100-level courses are likely to have a combination of lecture and discussion. All courses at this level will have a mix of secondary and primary reading and papers and examinations.

HIST 100 Introduction to Historical Thinking

HIST 110-111 Ideas and Institutions of
Western Civilization

HIST 120-121 History of the United States

HIST 130 East Asian Civilizations

200 Level: Period Courses

More advanced comprehensive explorations of some coherent—whether extended or intensive—period in human history, one usually confined to the experience of some state, nation, people or region. Designed both to cover ground and improve students' interpretive skills, they are likely to involve a combination of lecture and discussion, secondary and primary reading, papers and examinations.

United States

- HIST 200 Colonial America
 HIST 201 The American Revolution
 HIST 202 American Women from the Colonial Period to the Present
 HIST 204 The Civil War and Reconstruction
 HIST 205 Late Nineteenth-Century America
 HIST 209 African American History to 1865
 HIST 210 African American History since 1865
 HIST 212 The Civil Rights Movement
 HIST 213 African American Cultural History
 HIST 214 United States and the World, 1877-1945
 HIST 215 United States and the World Since 1945
 HIST 216 American Cultural and Intellectual History Since 1865

Europe

- HIST 220 The Aegean Bronze Age
 HIST 221 Classical Greece
 HIST 222 Hellenistic Greece and Republican Rome
 HIST 223 The Roman Empire
 HIST 224 European Women and Gender before Suffrage
 HIST 225 Medieval Italy
 HIST 226 The Early Middle Ages
 HIST 227 The High Middle Ages
 HIST 228 The Renaissance
 HIST 229 The Reformation
 HIST 230 England to 1688
 HIST 231 England from 1688 to Present
 HIST 232 Tudor England, 1485-1603
 HIST 233 Stuart England, 1603-1714
 HIST 234 Georgian Britain, 1714-1837
 HIST 235 France, Old Regime and Revolution
 HIST 236 Russian Empire, Soviet Union, and After
 HIST 240 Modern European Thought, 1650-1850
 HIST 241 Modern European Thought since 1850
 HIST 242 Modern Germany
 HIST 243 Modern Britain
 HIST 244 The Hapsburg Empire and After
 HIST 245 Modern Balkans
 HIST 246 Russia in Revolution, 1905-1934
 HIST 247 Modern Ireland
 HIST 248 European Diplomacy from Bismarck to Hitler
 HIST 249 Twentieth-Century Europe

Asia

- HIST 250 Modern Asia
 HIST 251 Introduction to Chinese Civilization
 HIST 252 Modern China
 HIST 253 Empires and Nations in Modern East Asia
 HIST 254 Modern Japan

Latin America

- HIST 261 Modern Latin America
 HIST 262 The Making of Modern Brazil

Middle East

- HIST 271 The Modern Middle East
 HIST 272 Palestine, Zionism and the Arab-Israeli Conflict

Africa

- HIST 281 Africa, c. 1500 to c. 1900
 HIST 282 Africa in the Twentieth Century
 HIST 283 South Africa since 1500

International and Comparative

- HIST 290 British Empire and Commonwealth
 HIST 291 History of Canada

Special Topics

- HIST 299 Special Topics: Periods and Regions

300 Level: Colloquia

Exploration by a small group of students of the state of knowledge and interpretation on some focused theme. Classes are discussion only, emphasis is on historical argument, and writing will be predominantly papers.

United States

- HIST 300 Early American Women
 HIST 301 The Civil War in Film and Literature
 HIST 303 Psychology in American Society and Culture
 HIST 304 African American Women's History

Europe

- HIST 321 History of Work in Europe
 HIST 323 The Victorians
 HIST 324 Text and Context: Anna Karenina and Her World

Asia

- HIST 340 Imagining the Other: China and the West
 HIST 341 The Politics of Asian-Pacific War Memories

Middle East

- HIST 370 Land and Power in Palestine and Israel: Advanced Readings in the Arab-Israeli Conflict

Africa

- HIST 380 Women and Gender in African History

International and Comparative

- HIST 390 Food and Power in Africa and Asia
 HIST 391 Transnational Social Reform

Special Topics

History 399 Special Topics: Focused Themes

400 Level: Research and Honors Seminars, Individual Study and Internships

Engagement by students in original primary research, independent inquiry or applied study. Classes will proceed by discussion only and a great deal of instruction will occur outside the classroom. Writing will be extended papers or journals, not examinations.

- HIST 400 Research Seminar for Majors
 HIST 401 Directed Study
 HIST 402 Internship
 HIST 410 Historiography
 HIST 411 Honors Thesis Prospectus
 HIST 412-413 Honors Research Seminar

COURSES**HIST 100 Introduction to Historical Thinking**

Introduction to aims and methods of historical thinking. Through concentrated exploration of a particular historical issue, students develop their understanding of the nature and limits of historical evidence, various legitimate ways of approaching it, and the art of making persuasive claims about it. *3 sem. hrs.* (FSHT)

HIST 110 Ideas and Institutions of Western Civilization I

Topical study of western heritage from Classical Greece through Reformation. *3 sem. hrs.* (FSHT)

HIST 111 Ideas and Institutions of Western Civilization II

Topical study of western heritage from rise of modern political concepts in 17th century to present. *3 sem. hrs.* (FSHT)

HIST 120 The United States to 1877

Analysis of American history in precolonial, colonial, revolutionary, early national, antebellum, Civil War and Reconstruction periods. *3 sem. hrs.* (FSHT)

HIST 121 The United States since 1877

Analysis of American history in post-Reconstruction, progressive, interwar, World War II, and post-World War II periods. *3 sem. hrs.* (FSHT)

HIST 130 East Asian Civilizations

Survey of traditional East Asian thought, institutions and culture in China, Japan, Korea and Vietnam. *3 sem. hrs.*

HIST 200 Colonial America

Colonial history from earliest British settlements to the end of French and Indian War in 1763. *4 sem. hrs.*

HIST 201 The American Revolution

War of Independence and formation of the Republic, 1763-1788. *4 sem. hrs.*

HIST 202 American Women from the Colonial Period to the Present

Introduction to experience of women in history of America from colonial times to present. *4 sem. hrs.*

HIST 204 The Civil War and Reconstruction

Focus on slavery and sectional controversy, secession and the war; political, economic and social problems of Reconstruction. *4 sem. hrs.*

HIST 205 Late Nineteenth-Century America

Focus on social, economic, cultural and political development of United States from 1875 to 1900. *4 sem. hrs.*

HIST 209 African American History to 1865

Analysis of African American experience from pre-colonial African roots through U.S. colonial, revolutionary and Civil War eras with particular attention to slavery, abolitionism, development of African American cultural practices, and African American participation in the Revolutionary and Civil wars. *4 sem. hrs.*

HIST 210 African American History Since 1865

Analysis of African American history after the Civil War with particular attention to work, culture, family and achievement; and to the impact of the Great Migration, Great Depression, segregation, and the Civil Rights Movement. *4 sem. hrs.*

HIST 212 The Civil Rights Movement

Examination of the Civil Rights movement in the U.S., especially its social origins and consequences and implications. Topics include sit-ins, mass protest, freedom rides, the voting rights campaign, the black power movement, and radical and reform organizations and leaders. *4 sem. hrs.*

HIST 213 African American Cultural History

Analysis of African American culture from its African roots to present, focusing on the impact of slavery, racial discrimination, gender and class on family practices, language, dress, food, religion and artistic/intellectual production. *4 sem. hrs.*

HIST 214 United States and the World, 1877-1945

A survey of the history of the United States from the end of the 19th through first half of the 20th century in transnational perspective. Students will examine how the modern United States was formed through economic, cultural, political and military encounters with peoples, governments and places around the world. Topics covered will include imperialism, migration and citizenship, the

rise of the United States as a global power, American culture abroad, and the role of the United States in World War I and World War II. *4 sem. hrs.*

HIST 215 United States and the World Since 1945

A survey of the history of the United States since World War II in transnational perspective. Topics will include the Cold War, the interrelationship between foreign policy and domestic politics, American involvement in the developing world, migration, citizenship and economic and cultural globalization. *4 sem. hrs.*

HIST 216 American Cultural and Intellectual History Since 1865

A survey of American ideas and culture since the Civil War. Topics will include the “social questions” of the 19th century; visions of the self and society; the role of science and expertise in American life; political debates over freedom and the market; and cultural battles over pluralism and American identity. *4 sem. hrs.*

HIST 220 The Aegean Bronze Age

Survey of the third and second millennium B.C.E. civilizations of the Aegean Sea basin and the interconnections between them and other major civilizations of the ancient Near East Bronze Age. *4 sem. hrs.*

HIST 221 Classical Greece

Greek history from end of the Bronze Age through career of Philip II of Macedon. *4 sem. hrs.*

HIST 222 Hellenistic Greece and Republican Rome

Investigation of rise of the Roman hegemony in context of the Hellenistic Mediterranean. Special attention given to role of Hellenistic kings. *4 sem. hrs.*

HIST 223 The Roman Empire

Study of how the Romans and their Byzantine followers maintained an empire in hostile atmosphere of the first five centuries of our era. *4 sem. hrs.*

HIST 224 European Women and Gender before Suffrage

Introduction to the history of women in Europe from ancient times through the 19th century. Focus on continuities and changes in the female experience in such historical moments as Ancient Greece, reformation Germany, and the French Revolution. Source material includes women’s diaries, letters, speeches and philosophical treatises. *4 sem. hrs.* (FSHT)

HIST 225 Medieval Italy

Italy from the formation of the communes to the first stirrings of the Renaissance. Emphasis on the development of the commercial economy, differential development between North and South, the emergence of a strong Papal State, and the causes and effects of the Great Plague. *4 sem. hrs.*

HIST 226 The Early Middle Ages

Social and intellectual history of Europe from Late Antiquity to the 11th century. Emphasis on the birth and development of the political and institutional successors to the Roman Empire. *4 sem. hrs.*

HIST 227 The High Middle Ages

Overview of some of the principal social, political and cultural developments in Europe c. 1000-1450 with special attention to the increasing vitality of urban culture, the varying position of women, the formation of bureaucratic “states,” and the emergence of such concepts as romantic love and individualism. *4 sem. hrs.*

HIST 228 The Renaissance

Culture, politics, economics, modern science and overseas expansion of the Renaissance. *4 sem. hrs.*

HIST 229 The Reformation

Protestant and Catholic reformations and their impact on political, social and economic conditions. Emphasis on religious and political thought. *4 sem. hrs.*

HIST 230 England to 1688

Emphasis on institutional development, legal and constitutional history, the Tudors and the civil war. *4 sem. hrs.*

HIST 231 England from 1688 to the Present

Emphasis on development of cabinet government, and expansion of political participation, economic and social change, and Britain’s international role. *4 sem. hrs.*

HIST 232 Tudor England, 1485-1603

Political, institutional, social and cultural study emphasizing reigns of Henry VIII and Elizabeth I. *4 sem. hrs.*

HIST 233 Stuart England, 1603-1714

Emphasis on conflict between Stuarts and Parliament, Cromwell and the civil war, the restoration, and revolutionary settlement. *4 sem. hrs.*

HIST 234 Georgian Britain, 1714-1837

Constitutional, political, economic, social and cultural developments in England, Scotland and Ireland from accession of the Hanoverians through the Great Reform Bill. *4 sem. hrs.*

HIST 235 France: Old Regime and Revolution

History of the social, political and economic institutions that helped shape the modern French state from the Age of Absolutism through the French Revolution and rise of Napoleon. *4 sem. hrs.*

HIST 236 Russian Empire, Soviet Union, and After

Political, social, diplomatic and cultural overview of the fate of the Russian Empire and Soviet Union from the Napoleonic Wars through the end of the Cold War with special focus on nationalism, socialism, Stalinism and the fall of the USSR. *4 sem. hrs.*

HIST 240 Modern European Thought, 1650-1850

Focus on nature and role of science, art, politics, religion, sex, emotion and history. *4 sem. hrs.*

HIST 241 Modern European Thought since 1850

Focus on liberalism, Marxism, Freudianism, existentialism and structuralism. *4 sem. hrs.*

HIST 242 Modern Germany

Prussia and Germany from 1848 to present. Emphasis on unification, political movements, Nazism and origins and effects of World Wars I and II. *4 sem. hrs.*

HIST 243 Modern Britain

Constitutional, political, economic and social developments in the United Kingdom during the Victorian era and 20th century. *4 sem. hrs.*

HIST 244 The Hapsburg Empire and After

Survey of rise and fall of Hapsburg Empire beginning with development of lands of the house of Hapsburg from Middle Ages to Napoleonic era; political, military, diplomatic, economic, social and cultural issues in Austrian (Austro-Hungarian) Empire from Congress of Vienna to end of World War I, and in the empire's successor states in Central Europe. *4 sem. hrs.*

HIST 245 Modern Balkans

Survey of Balkan history in modern times, focusing on development of Bulgaria, Romania, Albania, the Yugoslav lands and Greece. *4 sem. hrs.*

HIST 246 Russia in Revolution, 1905-1934

Examination of Russia in revolution from the attempts at reform in 1905, through the Bolshevik seizure of power in 1917 and the subsequent consolidation of power under Lenin and Stalin. Special emphasis on the nature of "revolution" and questions of agency and contingency. *4 sem. hrs.*

HIST 247 Modern Ireland

Topical approach to the history of Ireland from late 17th century to present. Attention will be given to Ireland's society, economy, politics, international position and special, often tortuous, relationship with its more powerful neighbor, the United Kingdom. *4 sem. hrs.*

HIST 248 European Diplomacy from Bismarck to Hitler

Studies in European diplomatic history from mid-19th century to World War II. *4 sem. hrs.*

HIST 249 Twentieth-Century Europe

Overview of European political, diplomatic, military, social, economic and cultural history since 1900. *4 sem. hrs.* (FSHT)

HIST 250 Modern Asia

Political, social and economic development of East Asia during 19th and 20th centuries. *4 sem. hrs.*

HIST 251 Introduction to Chinese Civilization

Survey of Chinese history to mid-19th century; intellectual, institutional and cultural development. *4 sem. hrs.*

HIST 252 Modern China

Western impact on China, decay of the Qing, and revolutions of 19th and 20th centuries. *4 sem. hrs.*

HIST 253 Empires and Nations in Modern East Asia

Examination, using East Asia as a case, of ideologies and logics of modern empire and nation formations, and their dynamic interactions in the modern world. Topics include the collapse of the Chinese Qing Empire, the arrival of Western imperialism, the rise of the Japanese empire, and the emergence of East Asian nationalism as reactions to these developments. *4 sem. hrs.*

HIST 254 Modern Japan

Japan's response to Western pressures and rise to world power in 19th and 20th centuries. *4 sem. hrs.*

HIST 261 Modern Latin America

Introductory survey of Latin American history from independence; focus on quest for political stability, economic development and social change. *4 sem. hrs.*

HIST 262 The Making of Modern Brazil

Constructing and contesting inequality in modern Brazil, with special attention to comparative issues in the study of slavery, race, gender and ethnicity. *4 sem. hrs.*

HIST 271 The Modern Middle East

Survey of Middle East from last years of Ottoman Empire to present. Emphasis on culture, Zionism, Arab nationalism, diplomacy and the Arab-Israeli conflict. *4 sem. hrs.*

HIST 272 Palestine, Zionism, and the Arab-Israeli Conflict

Introduction to history of Arab-Israeli conflict with heavy emphasis on Israel and Palestine, beginning in the mid-19th century and concluding with the current Palestinian uprising. Considerable attention paid to questions of nationalism and imperialism, both in terms of structural change and ways in which people lived, expressed and produced their identities. While structured chronologically, the course also moves thematically through such topics as resistance, refugees, ethnic minorities, and gender, and considers the various ways that scholars, activists, politicians and novelists have represented the Arab-Israeli conflict in their writings. *4 sem. hrs.*

HIST 281 Africa, c. 1500 to c. 1900

Introduction to economic, social, political and intellectual history of Africa from time of trans-Atlantic slave trade to colonial conquest. *4 sem. hrs.*

HIST 282 Africa in the Twentieth Century

Introduction to economic, social, political and intellectual history of Africa from colonial period to present. *4 sem. hrs.*

HIST 283 South Africa since 1500

South Africa from precolonial period to present, with special attention to conquest, economic development, establishment of migrant labor system, segregation and rise and fall of formal apartheid. *4 sem. hrs.*

HIST 290 British Empire and Commonwealth

British imperialism from end of American Revolution through development of the modern Commonwealth. Emphasizes Canada, India, Africa and Australia. *4 sem. hrs.*

HIST 291 History of Canada

Development of Canadian society and state, emphasizing factors of geography, politics and economics; influences from France and Great Britain; problems of regionalism and nationalism; and Canadian-American relations. *4 sem. hrs.*

HIST 299 Special Topics: Periods and Regions

First-time or one-time courses in regions and periods not covered or not yet covered in the History program. *4 sem. hrs.*

HIST 300 Early American Women

American women of all ranks and ethnicities from the transatlantic encounter in 1492 to the Seneca Falls convention of 1848. Major themes include changing constructions of gender, political struggles and interactions among women of native, African and European origins. (Same as American Studies 304) *4 sem. hrs.*

HIST 301 The Civil War in Film and Literature

Comparison of historians' treatments of the Civil War with its portrayal in documentaries, feature films and literature. (Same as American Studies 315) *4 sem. hrs.*

HIST 303 Psychology in American Society and Culture

(See Psychology 437; same as American Studies 323) *4 sem. hrs.*

HIST 304 African American Women's History

Examination of major themes in African American women's history, focusing on race, gender and class as they affect black women's relation to family, work, activism and other female groups. *4 sem. hrs.*

HIST 321 History of Work in Europe

Historical study of world of work in early modern and modern Europe. Focus on nature of work itself, how it framed mentalities, created social classifications, informed economic thought, and shaped the political process. Topics include history of wage labor and guilds, early industry from countryside to cities, working class formation, division of labor in industry, and policing labor. *4 sem. hrs.*

HIST 323 The Victorians

Exploration of individuals and socio-economic groups who lived in and helped define Britain in the reign of Queen Victoria, 1837-1901. *4 sem. hrs.*

HIST 324 Text and Context: Anna Karenina and Her World

Interdisciplinary course investigating the Russian Great Reforms (1861-1881) through the lens of L.N. Tolstoy's *Anna Karenina*. Examines issues connected to imperial Russian literary, social, cultural and political history, as well as the subject of gender relations. *4 sem. hrs.*

HIST 340 Imagining the Other: China and the West

Examination of selected images China and "the West" constructed of each other in the past two and a half centuries and of the driving forces and mechanisms behind their production. *4 sem. hrs.*

HIST 341 The Politics of Asian-Pacific War Memories

Examination of the competing voices and lingering controversies associated with the wider Asian-Pacific conflict in Japan, China, Korea, Taiwan and the U.S. in the 20th century, and their political, intellectual and emotional implications. Focus on bitterly contested representations of war atrocities such as the Nanjing Massacre, the comfort women system, bio-chemical warfare experiments, and the bombings of Hiroshima and Nagasaki that continue to reshape identities in this culturally and economically intertwined region. *4 sem. hrs.*

HIST 370 Land and Power in Palestine/Israel: Advanced Readings in the Arab-Israeli Conflict

Advanced examination of history of, and historiographic debates around, the Israeli-Palestinian conflict, focusing on a variety of contested events to shed light on contemporary politics as well as to map the contours of current scholarship in the field of Middle Eastern studies. While course follows a chronological progression, it emphasizes the historiography of the conflict; students will be expected to complete a historiographic study of some aspect of the conflict as a final project. Students should already know the basics of Middle Eastern and/or Israeli-Palestinian history. *Prerequisites:* History 271 and History 272 or permission of instructor. *4 sem. hrs.*

HIST 380 Women and Gender in African History

Women's roles in and perspectives on some of the major issues in African history, including slavery, colonialism and development. *4 sem. hrs.*

HIST 390 Food and Power in Africa and Asia

Comparative exploration of connection between food (cultivation, processing, distribution, consumption and denial) and political legitimacy, social institutions, and individuals' identities and values in Asia and Africa from antiquity to present. *4 sem. hrs.*

HIST 391 Transnational Social Reform

Seminar exploring the ideas, institutions and social networks around which movements for transnational reform have been built. Students will examine the history of four movements for transnational social reform since the early 19th century: abolitionism, women's rights, anticolonialism and environmentalism. *Prerequisite:* At least one other History course. *4 sem. hrs.*

HIST 399 Special Topics: Focused Themes

First-time or one-time colloquia on focused topics not covered or not yet covered in the History program. *4 sem. hrs.*

HIST 400 Research Seminar for Majors

Required seminar for majors taken in junior or senior year. Investigation of topic of limited focus. Substantial paper based on common reading and individual research in primary and secondary materials. Topics and instructors vary. See departmental Web site for seminar topics. Enrollment limited to 12 students. *4 sem. hrs.*

HIST 401 Directed Study

Individually designed reading or research program conducted under faculty supervision. *Prerequisites:* Five courses in History and permission of department. *1-4 sem. hrs.*

HIST 402 Individual Internship

Practical history-related work combined with some academic study. *Prerequisite:* Permission of department. *3-4 sem. hrs.*

HIST 410 Historiography

Introduction to principles and practices of historical writing. Although some attention paid to the history of historical writing since classical times, focus will be on contemporary modes of historical writing. *4 sem. hrs.*

HIST 411 Honors Thesis Prospectus

Preparation of research prospectus for Honors research seminar under direction of appropriate faculty. *Prerequisites:* History 410 and admissions to departmental honors program. *1 sem. hr.*

HIST 412-413 Honors Research Seminar

Research and writing of honors thesis in history. *Prerequisites:* History 410, 411 and admission to departmental honors program. History 412 is a prerequisite to 413. *4-4 sem. hrs.*

INTERDISCIPLINARY CONCENTRATIONS

Interdisciplinary Concentrations Within Disciplinary Majors or Minors**Interdisciplinary Concentration in Fine Arts Management**

Approachable by Studio Art, Art History, Music, Theatre and Dance majors or minors and provides curricular links for students interested in further practical and academic experiences in the area of arts management. Faculty coordinators are the director of the Modlin Center for the Arts and the director of University Museums.

Course Requirements:

- ART 322 Seminar in Museum Studies OR MUS/THTR 310 Managing Performing Arts Organization
- MUS/THTR/ART 345 Philanthropy in the Arts
- MUS/THTR/ART 388 Internship
- Plus one three-credit course in both basic accounting and basic marketing

Courses in accounting and marketing may be taken in the School of Business, the School of Continuing Studies or by transfer in consultation with one of the concentration's coordinators. A concentration coordinator should be consulted for approval of the internship as appropriate for the concentration.

The arts management coordinators may be consulted for additional recommended courses in areas of arts, business or leadership that support the student's particular area of interest. An arts course in an area other than a student's major or minor is encouraged, and may include applied music study or music ensembles.

Prerequisite: Must be a major or minor in Studio Art, Art History, Music, Theatre or Dance.

Interdisciplinary Concentration in Arts Technology for Studio Art, Music and Theatre Majors

Approachable by Studio Art, Music and Theatre majors, provides curricular links for students interested in further performance and academic experiences in the area of arts technology.

Students take courses from the department in which they have declared their major, plus a combination of three courses from the nonmajor departments. In addition, students are required to complete a senior paper or senior project to be taken as an Independent Study in their major department. Each participating department designates at least one faculty member to coordinate the curriculum with individual students.

Designated Courses for Theatre Majors

In addition to requirements for the major, students must take the following course:

- THTR 202 Lighting Design, 3 hours

Choose three of the following from the Department of Art and Art History or the Department of Music:

- ARTS 102 Foundation Design, 3 hours
- ARTS 104 Foundation Art and Technology, 3 hours
- ARTS 234 Advanced Design, 3 hours
- MUS 109 Elementary Musicianship, 2 hours
- MUS 213 Computer Music, 3 hours
- MUS 313 Advanced Computer Music, 3 hours

Except for ARTS 234, normal prerequisites may be modified or waived by consent of instructor.

Designated Courses for Studio Art Majors

In addition to requirements for the major, one of the following courses:

- ARTS 234 Advanced Design, 3 hours OR
- ARTS 104, Foundation Art and Technology, 3 hours

Choose three of the following from the Department of Music or the Department of Theatre and Dance:

- MUS 109 Elementary Musicianship, 2 hours
- MUS 213 Computer Music, 3 hours
- MUS 313 Advanced Computer Music, 3 hours
- THTR 202 Lighting Design, 3 hours

Except for ARTS 234, normal prerequisites may be modified or waived by consent of instructor.

Designated Courses for Music Majors

In addition to requirements for the major, one the following courses:

- MUS 213 Computer Music, 3 hours
- MUS 313 Advanced Computer Music, 3 hours

Choose three of the following from the Department of Art and Art History or the Department of Theatre and Dance:

- THTR 202 Lighting Design, 3 hours
- ARTS 102 Foundation Design, 3 hours
- ARTS 104 Foundation Art and Technology, 3 hours
- ARTS 234 Advanced Design, 3 hours

Except for ARTS 234, normal prerequisites may be modified or waived by consent of instructor.

Additional Recommended Courses:

- CMSC 221-222 Fundamentals of Computing I-II, 3-3 hours
- CMSC 301-302 Computer Systems and Architecture I-II, 3-3 hours
- CMSC 335 Computer Graphics, 3 hours
- MATH 245 Linear Algebra, 3 hours
- PHYS 101-102 General Physics, 4-4 hours, OR

- PHYS 131-132 General Physics with Calculus, 4-4 hours
- PHYS 216-217 Electronics, 4-4 hours

Prerequisite: Major in Studio Art, Music or Theatre.

Interdisciplinary Concentration in Comparative Literature for English Majors

The basic assumption behind this concentration is that literary studies can be unduly limited by restricting the context and parameters of scholarly inquiry to the literary works of one particular literary tradition, usually defined in fairly narrow geographical and linguistic terms. Comparative Literature in the broadest sense may be defined as the text-based investigation of themes, issues and works of art, free from the fetters of artificial geographical, cultural, political or disciplinary demarcations. Students of comparative literature achieve a greater awareness of certain boundaries involved in the traditional study of literature-national, linguistic, generic, disciplinary, etc.-and of the issues and advantages involved in crossing those boundaries. In this concentration, students willing to acquire additional linguistic and disciplinary skills will develop the habits and tools necessary to address problems or topics of interest from a number of literary and disciplinary perspectives.

Majors who complete all the requirements for this course of study will be granted a B.A. in English with an Interdisciplinary Concentration in Comparative Literature.

Concentration Requirements:

- ENGL 391 Methods and Themes in Comparative Literature
- Three upper-level literature courses from the Modern Literatures and Cultures, Latin American and Iberian Studies, or Classical Studies Departments, in the original language
- Two courses in fields outside of literature (Students will choose from ancillary fields like philosophy, art history, religious studies, etc., in support of their research concentration, and subject to approval of concentration coordinator.)
- A four-credit independent study culminating in a substantial research project; honors students can use this research project as their Honors Thesis.

Prerequisite: Major in English.

Interdisciplinary Concentration in Medieval and Renaissance Studies for English Majors

This concentration was created for English majors interested in deepening their knowledge of the cultures of the Middle Ages and Renaissance through interdisciplinary study. It thus requires that in addition to taking upper-level courses in Medieval and Renaissance English literature, majors also explore these periods from

the perspective of other academic disciplines including, but not limited to, the history of art and architecture, foreign literatures, philosophy, religious studies and history. It is hoped that the breadth of knowledge and intellectual flexibility that interdisciplinary study fosters will enable students in this concentration to undertake more complex kinds of research projects and achieve more sophisticated levels of critical thinking and writing than might otherwise have been possible.

Majors who complete all requirements for this course of study will be granted a B.A. in English with an Interdisciplinary Concentration in Medieval and Renaissance Studies.

Concentration Requirements:

- ENGL 390/ID 390: Interdisciplinary Studies in the Middle Ages and Renaissance
- One 300- or 400-level course in Medieval literature
- One 300- or 400-level course in Renaissance literature. Students will choose Medieval and Renaissance literature courses from among the following:
 - ENGL 301 Literature of the Middle Ages
 - ENGL 302 Literature of the English Renaissance
 - ENGL 303 Chaucer
 - ENGL 304 Shakespeare
 - ENGL 305 Critical Approaches to Shakespeare
 - ENGL 306 Milton
 - ENGL 400 Junior/Senior Seminar (depending on topic)
 - ENGL 506 Graduate Seminar in Shakespeare (with instructor permission)
 - ENGL 511 Graduate Seminar in Medieval Literature (with instructor permission)
 - ENGL 512 Graduate Seminar in Renaissance Literature (with instructor permission)
- Three courses from at least two different departments outside the English department. Students will choose from among the following:
 - ART 314 Northern Renaissance Art
 - ART 315 Art of the Italian Renaissance
 - ART 316 Art in the Age of Reform
 - FREN 411 The French Middle Ages
 - FREN 421 Renaissance
 - HIST 225 Medieval Italy
 - HIST 227 High Middle Ages
 - HIST 228 Renaissance
 - HIST 230 England to 1688
 - HIST 232 Tudor England, 1485-1603
 - HIST 233 Stuart England, 1603-1714
 - RELG 258 Medieval Religious Thought
 - SPAN 321 Literary Spain: Poetry, Drama, Fiction

- SPAN 432 True Lies: Fiction and Truth in Don Quijote

Special courses in Medieval and Renaissance topics which are offered only infrequently may be substituted with prior approval from the departmental coordinator of the Medieval and Renaissance Studies Concentration.

- A final critical paper examining one or more works relevant to the major to be completed in the junior or senior year preferably as the final project in ENGL 390/IDST 390 or in another appropriate upper-division English course with prior approval from the concentration coordinators.

Students also will be encouraged to consider enrolling in any number of the following courses (these courses will not, however, count toward the six courses in Medieval and Renaissance Studies required of English major concentrators):

- ART 221 Survey I: Prehistory through the Middle Ages
- ART 222 Survey II: Renaissance to the Present
- CLSC 301 Greek Art and Archeology
- CLSC 302 Roman Art and Archeology
- CLSC 306 The Classical Tradition
- ENGL 226 Love and War in Medieval Literature
- ENGL 234 Shakespeare
- ENGL 236 On the Road: Literature of Quest and Pilgrimage
- FREN 431 Le Siècle Classique
- GREK 301 Greek Epic
- GREK 302 Greek Drama
- HIST 110 Ideas and Institutions of Western Civilization I
- HIST 223 The Roman Empire
- PHIL 281 Philosophy of Art
- PHIL 362 Philosophy of Religion
- RELG 241 Introduction to Early Christian Era
- RELG 243 The World of the New Testament
- RELG 340 Varieties of Early Christianity
- RELG 341 Paul and Christian Origins
- RELG 342 John and Early Christian Literature

Prerequisite: Major in English.

Interdisciplinary Concentration in Medieval and Renaissance Studies for Art History Majors

This concentration is intended to encourage Art History majors to develop an interdisciplinary approach to the study of Medieval and Renaissance visual cultures. The concentration aims to expose students to a variety of disciplines, approaches and methodologies by supplementing their upper-level courses in Medieval and Renaissance art with those covering aspects of these historical periods in other academic disciplines. The selection of courses offered through the concentration allows students with a specific interest in Medieval

and Renaissance art to broaden their knowledge of the periods, and provides them with opportunities to comprehensively examine topics of interest. Students will meet with their Medieval and Renaissance Studies advisor in the Art History Department to outline a track of study from among the broad range of interdepartmental courses listed below. Majors who complete all requirements for the concentration will receive a B.A. in Art History with an Interdisciplinary Concentration in Medieval and Renaissance Studies.

Concentration Requirements:

- Three 300- or 400-level Art and Art History Department courses in the areas of Early Christian, Medieval or Renaissance Art.
- Three courses from at least two different departments outside the Art and Art History department. Selected courses must be approved by a Medieval and Renaissance Studies advisor in the Art History Department. Students will choose from among the following:
 - CLSC 205 Greek and Roman Mythology: Epic
 - CLSC 207 Mythology: Greek Drama
 - CLSC 301 Greek Art and Archaeology
 - CLSC 302 Roman Art and Archaeology
 - CLSC 305 Greek and Roman Values
 - CLSC 306 The Classical Tradition
 - ENGL 226 Love and War in Medieval Literature
 - ENGL 234 Shakespeare
 - ENGL 236 On the Road: Literature of Quest and Pilgrimage
 - ENGL 301 Literature of the Middle Ages
 - ENGL 302 Literature of the English Renaissance
 - ENGL 303 Chaucer
 - ENGL 304 Shakespeare
 - ENGL 305 Critical Approaches to Shakespeare
 - ENGL 306 Milton
 - ENGL 310 Topics in British Literature before 1660
 - ENGL 339 Epic Traditions
 - ENGL 390 Interdisciplinary Studies in the Middle Ages and Renaissance
 - FREN 411 The French Middle Ages
 - FREN 421 Renaissance
 - GREK 301 Greek Epic
 - GREK 302 Greek Drama
 - GREK 303 Greek Historiography
 - GREK 304 Greek Philosophical Prose
 - HIST 223 The Roman Empire
 - HIST 225 Medieval Italy
 - HIST 226 Early Middle Ages
 - HIST 227 High Middle Ages
 - HIST 228 Renaissance
 - HIST 229 The Reformation
- HIST 232 Tudor England, 1485-1603
- HIST 233 Stuart England, 1603-1714
- ITAL 321 Readings in Italian Literature
- LATN 302 Ovid
- LATN 303 Roman Epic
- LATN 304 Roman Historiography
- LATN 305 Horace
- LATN 306 Roman Philosophical Literature
- LATN 307 Catullus
- LATN 308 The Novel
- LATN 309 Cicero
- PHIL 271 Ancient Greek Philosophy
- RELG 241 Introduction to Early Christian Era
- RELG 243 The World of the New Testament
- RELG 258 Medieval Religious Thought
- RELG 332 Hebrew and Christian Wisdom Literature
- RELG 340 Varieties of Early Christianity
- RELG 341 Paul and Christian Origins
- RELG 342 John and Early Christian Literature
- RELG 356 Religious Thought of the Renaissance and Reformation
- SPAN 432 True Lies: Fiction and Truth in Don Quijote

Special courses in Medieval and Renaissance topics which are offered only infrequently may be substituted with prior approval from the departmental coordinator of the Medieval and Renaissance Studies Concentration.

- Senior Thesis project on a subject in Early Christian, Medieval or Renaissance Art.

Students also will be encouraged to consider enrolling in any number of the following courses (these courses will not, however, count toward the three courses in Medieval and Renaissance Studies taken outside the Art and Art History Department required for the Art History Concentration):

- FREN 431 Le Siècle Classique
- HIST 110 Ideas and Institutions of Western Civilization I
- PHIL 281 Philosophy of Art
- PHIL 362 Philosophy of Religion
- RELG 263 Religion and the Arts

Prerequisite: Major in Art History.

Interdisciplinary Concentration in Neuroscience for Biology and Psychology Majors

Majors in Biology or Psychology with a special interest in neurobiology or behavioral neuroscience may apply to pursue an Interdisciplinary Concentration in Neuroscience. Because of the scheduling demands of the concentration, students are strongly encouraged to apply during the fall semester of the sophomore year.

Designated Courses for Biology Majors

To complete the Neuroscience Concentration, a Biology major must complete:

- Biology 201, 205, 210, 215
- Chemistry 141 and 205-206
- Mathematics 211-212 or 231-232
- Physics 132, 133, or 134
- Psychology 200, 331, and 332
- Sixteen hours of biology courses approved for the major, with at least three of those courses selected from Biology 308, 311, 312, 338, 344, 351 ST (Cellular Neurophysiology) or 352.
- One additional neuroscience-related psychology course selected from Psychology 440, 442, 449
- An approved research project in neuroscience (Biology 350 or 395) which culminates in a paper.

Designated Courses for Psychology Majors

To complete the Neuroscience Concentration, a Psychology major must complete:

- Psychology 100
- Psychology 200
- One Methods & Analyses course and corequisite in the 310-328 series
- One Methods & Analyses course and corequisite in the 330-348 series
- One approved course in the 433-449 series
- Either Psychology 361, Psychology 461/462 or Psychology 491/492
- Math 211-212 or Math 231-232
- Biology 201, 210, 215
- Any two of Biology 308, 311, 312, 338, 343, 344, 351 ST (Cellular Neurophysiology), or 352.
- Chemistry 141, 205, 206

Prerequisite: Major in Biology or Psychology.

INTERDISCIPLINARY STUDIES

Scott Davis (Religion), Interdisciplinary Studies Coordinator

Interdisciplinary Studies offers two distinct programs—Interdisciplinary Colloquia and the Self-Designed Interdisciplinary Studies major and minor (see below).

The Interdisciplinary Colloquia

The Interdisciplinary Colloquia, which are one-semester electives, provide an opportunity to explore a variety of topics that do not typically fall within disciplinary boundaries. They are taught on a small-group basis, stressing student-faculty interaction, and are open to all students without prerequisites. Students should ascertain which courses are available in any given semester.

The Interdisciplinary Studies Major

Note: A grade of not less than C (2.0) is required in each course comprising the major.

The nature of the approved program will determine whether the degree is a Bachelor of Arts or Bachelor of Science. The Interdisciplinary Studies major provides a student the opportunity to propose and pursue, with faculty supervision, a unique program of study.

For either the Bachelor of Arts or Bachelor of Science degree: Thirty semester hours of coursework including the senior thesis.

The specific program of study is developed by the student in consultation with two faculty advisors, cohering to a central student-determined theme, involving two or more departments, culminating in a significant senior thesis. The program must be approved by two faculty advisors, the Interdisciplinary Studies coordinator, and the dean of the School of Arts and Sciences.

The Interdisciplinary Studies Minor

Note: A grade of not less than C (2.0) is required in each course comprising the minor.

Requirements: Eighteen semester hours of coursework including the senior thesis.

The specific program of study is developed by the student with consultation with two faculty advisors, cohering to a central student-determined theme, involving two or more departments, culminating in a significant senior thesis. The program must be approved by two faculty advisors, the Interdisciplinary Studies coordinator, and the dean of the School of Arts and Sciences.

COURSES**IDST 280 Principles of the Natural Sciences**

Explores foundational principles of biology, chemistry and physics. Students gain experience using these principles in an applied context, fostering critical thought. Designed for pre-medical students preparing to take the Medical College Admissions Test (MCAT). Graded Satisfactory/Unsatisfactory. *Prerequisites:* Biology 205 and Chemistry 206. *0 sem. hrs.*

IDST 281 Principles of the Natural Sciences

Explores foundational principles of biology, chemistry and physics. Students gain experience using these principles in an applied context, fostering critical thought. Designed for premedical students preparing to take the Medical College Admissions Test (MCAT). Continuation of Interdisciplinary Studies 280. Graded Pass/Fail. *Prerequisite:* Interdisciplinary Studies 280. *1 sem. hr.*

IDST 285 Developing Interdisciplinary Research

Will focus on development of an interdisciplinary research project from inception through writing of

grant proposal. Will begin with discussion of scientific question being addressed, followed by discussions of broad concepts of a research proposal and, finally, the development and completion of a final proposal. Will involve literature search, discussions concerning design and execution of experiments, as well as interpretation of data [both quantitative and qualitative]. Experimentation will involve a variety of techniques and approaches; expose students to interdisciplinary nature of modern biomedically related research and how collaboration leads to enhancement of a project; and promote students' ability to think critically, write a proposal and discuss and present their ideas to others in an effective manner. The faculty/research student teams will work to develop a final research proposal for NSF or another suitable funding agency. *Prerequisites:* Chemistry 141 and Biology 201 or 205. *1 sem. hr.*

IDST 299 Selected Topics

One semester elective. Explores a variety of topics that do not typically fall within disciplinary boundaries. *3 sem. hrs.*

IDST 300 Technologies of Change: Information Resources, Policies and Communities

Focus on understanding, using, and evaluating information technologies for research, communication, manipulation of data and presentation of ideas and results. Consideration of public policy, ethical and technological issues related to information access, presentation, ownership and distribution. *3 sem. hrs.*

IDST 334 Urban Revitalization and Preservation

Using the city of Richmond as a laboratory, a study of importance of preserving old and historic structures, districts and artifacts, and of maintaining integrity and flavor of existing neighborhoods within context of modern urban environment. *3 sem. hrs.*

IDST 379 Combined Major Project/Portfolio

Working with faculty mentors, students will write a 20-30 page research paper on an interdisciplinary topic. For students in combined majors with French and German, this paper will become part of a portfolio representing significant achievements in the major and emphasizing the interdisciplinary and/or cross-cultural aspects of the major. *Prerequisite:* Departmental Approval. *2 sem. hrs.*

IDST 390 Interdisciplinary Studies in the Middle Ages and Renaissance

(See English 390) *3 sem. hrs.*

IDST 397 Special Topics

Topics will vary from semester to semester. *3 sem. hrs.*

IDST 398-399 Senior Thesis

For students in the Interdisciplinary Studies major. *1.5/1.5 sem. hrs.*

INTERNATIONAL STUDIES

Vincent Wang (Political Science), Coordinator

The International Studies major is composed of six concentrations that are coordinated by advisors with special expertise in the areas. Students with specific interests outside the described concentrations may petition to create an independent concentration.

Major Requirements

Note: A grade of not less than C (2.0) is required in all coursework comprising the major.

A. Enhanced Language Proficiency

At least two 300- or 400-level three or four semester hour courses in the Department of Modern Literatures and Cultures or Department of Latin American and Iberian Studies, **excluding** courses taught in English (each grade must be C (2.0) or higher) **or** satisfactory completion of an approved language achievement examination for 300-level equivalency.

Note: Students with unusual or advanced language preparation may petition the IS Coordinator, their concentration advisor, and the chair of MLC or LAIS for a waiver of this requirement.

B. Approved Experience Abroad

In order to provide for a significant degree of cultural immersion, the experience abroad will be related to the student's concentration and will be at least one semester in length. Any program which does not meet these requirements must be approved by the concentration advisor in consultation with the program coordinator.

C. International Studies Coursework Required:

- Political Science 250 or Geography/International Studies 210
- International Studies 290 and 400
- An International Studies Concentration (within the concentration: nine courses (three or four semester hours each) selected from three or more departments with no more than five courses (three or four semester hours each) from a single department and at least four courses above the 200 level while meeting concentration-specific requirements

NOTE: *With prior approval, study abroad courses may be applied toward the major. Be aware of the fact that courses may be added after this catalog is printed. For eligibility of new courses for inclusion in the major, see the concentration advisor.*

International Studies: Africa

Joseph Obi (Sociology), Advisor

Select nine courses from the following (may include up to two courses dealing with the African diaspora, marked with an *).

Anthropology

- ANTH 101 Introduction to Cultural Anthropology
 ANTH 300 Gender in Cross-Cultural Perspectives
 ANTH 304 Ritual, Witchcraft and Divination
 ANTH 338 Peoples of Africa

Art

- ART 279 ST: African Art

Economics

- ECON 105 Introduction to Global Economics
 ECON 211 Economic Development in Asia, Africa and Latin America
 ECON 212 Geographies of Economic Development and Globalization

English

- ENGL 218 African Literature
 ENGL 231 African-American Literature*
 ENGL 238 Readings in Caribbean Literature*
 ENGL 331 Literatures of Africa
 ENGL 332 Literatures of the Caribbean*
 ENGL 335 Black Women Writers
 ENGL 358 African-American Women Writers*

French

- FREN 324 Introduction to Francophone Literature
 FREN 471 Francophone Studies

Geography

- GEOG 320 Power, Space and Territory: Geographies of Political Change
 GEOG 370 Geographies of Economic Development and Globalization

History

- HIST 100 Changing Africa
 HIST 281 Africa c. 1500-1900
 HIST 282 Africa in the Twentieth Century
 HIST 283 South Africa since 1500
 HIST 380 Women and Gender in African History
 HIST 390 Food and Power in Africa and Asia

International Studies

- IS 230 Introduction to Africa
 IS 240 Gods, Spirits and Faith in Africa
 IS 301 Dependency and Development: An Introduction to the Third World
 IS 350 ST: Zimbabwe: Nation and Culture (Summer only, 6 sem. hrs.)

Music

- MUS 115 The Jazz Tradition
 MUS 203 Global Hip Hop*

Political Science

- PLSC 346 Politics of Cultural Pluralism
 PLSC 347 Politics of Developing Nations
 PLSC 348 Politics of Africa

Sociology

- SOC 230 Introduction to Africa
 SOC 316 Race and Ethnicity in America*

International Studies: Asia

Vincent Wei-cheng Wang (Political Science), Advisor

Required:

- At least two 300- or 400-level three or four semester hour courses in Chinese or Japanese
- Approved experience abroad
- Three courses from area A chosen in consultation with the concentration advisor
- Three courses from area B chosen in consultation with the concentration advisor
- Three courses from area A or B chosen in consultation with the concentration advisor

For eligibility of other relevant courses for inclusion in the major, see the concentration advisor.

*Note: Students taking courses marked with an * can receive credits toward the concentration, provided they have the concentration advisor's approval and their papers/projects are related to Asia.*

Area A: Humanities**Art History**

- ART 212 Introduction to Asian Art
 ART 226 Art and Culture of Japan
 ART 378 Topics in Asian Art
 ART 383 East Asian Painting, Poetry and Calligraphy

Chinese

- CHIN 311 Insights to Chinese Culture

English

- ENGL 214 Literature of India
 ENGL 333 Literatures of South Asia

History

- HIST 130 East Asian Civilization
 HIST 250 Modern Asia
 HIST 251 Introduction to Chinese Civilization
 HIST 252 Modern China
 HIST 253 Empires and Nations in Modern East Asia
 HIST 254 Modern Japan
 HIST 290 British Empire and Commonwealth
 HIST 299 ST: Asian in the Making of the Modern World

Japanese

- JAPN 310 Japanese Culture

Religion

- REGL 250 Introduction to World Religions
 RELG 251 Sacred Arts of India
 RELG 252 East Asian Philosophical Literature
 RELG 253 Body/Sex in World Religious Literature
 RELG 352 Buddhism in India and Tibet
 RELG 353 Buddhism in China and Japan
 RELG 355 Selected Asian Religions
 RELG 366 Buddhist Philosophy

Area B: Social Sciences**Anthropology**

- ANTH 310 Tribe, Nation, World:
The Anthropology of Globalization*
- ANTH 339 Peoples of the Pacific
- ANTH 340 Peoples of Southeast Asia

Economics

- ECON 105 Introduction to Global Economics
- ECON 211 Economic Development in Asia,
Africa and Latin America

Geography

- GEOG 207 World Regional Geography-
Developing Regions*
- GEOG 320 Power, Space and Territory:
Geographies of Political Change*
- GEOG 345 Society, Economy and Nature:
Global Perspective on
Sustainable Development*
- GEOG 370 Geographies of Economic
Development and Globalization*

History

- HIST 340 Imagining the Other:
China and the West
- HIST 341 The Politics of Asia-Pacific
War Memories
- HIST 390 Food and Power in Asia and Africa

International Business

- IBUS 390 International Business Issues
(Asia/Pacific Management)-
no business course prerequisites *

International Studies

- IS 245 Introduction to South Asia

Political Science

- PLSC 343 Politics of Asia
- PLSC 345 Politics of China, Hong Kong
and Taiwan
- PLSC 357 International Relations of East Asia
- PLSC 358 The United States and the Pacific Rim
- PLSC 400 Senior Seminar: Comparative Political
Economy: East Asia vs. Latin America

International Studies: International Economics

Jonathan B. Wight (Economics), Advisor

Students are strongly encouraged to develop proficiency in economics with either a minor or double major (see Economics Department listings for requirements.) Note that the Economics courses listed below have prerequisites.

At a minimum, the following courses are required for the concentration:

- ECON 210 The Economics of the European Union
- ECON 211 Economic Development in Asia, Africa and Latin America

- ECON 310 International Trade And Finance
- Six elective courses from two or more departments in the following list:

Accounting

- ACCT 315 International Accounting Issues

Anthropology

- ANTH 101 Introduction to Cultural Anthropology
- ANTH 308 Cultures and Peoples of Latin America
- ANTH 310 Tribe, Nation, World: The Anthropology
of Globalization
- ANTH 336 Big Men, Chiefs and Presidents:
Political Anthropology
- ANTH 338 Peoples of Africa
- ANTH 339 Peoples of the Pacific
- ANTH 340 Peoples of Southeast Asia

Finance

- FIN 462 International Financial Management

Geography

- GEOG 206 World Geography - Developed Regions
- GEOG 207 World Geography - Developing Regions
- GEOG 210 Geographic Dimensions of
Human Development
- GEOG 320 Power, Space and Territory
- GEOG 345 Society, Economy and Nature
- GEOG 370 Geographies of Economic
Development and Globalization

History

- HIST 236 Russian Empire, Soviet Union and After
- HIST 241 Modern European Thought Since 1850
- HIST 242 Modern Germany
- HIST 243 Modern Britain
- HIST 244 The Hapsburg Empire and After
- HIST 245 Modern Balkans
- HIST 246 Russia in Revolution, 1905-1934
- HIST 247 Modern Ireland
- HIST 248 European Diplomacy from
Bismarck to Hitler
- HIST 249 Twentieth-Century Europe
- HIST 250 Modern Asia
- HIST 251 Introduction to Chinese Civilization
- HIST 252 Modern China
- HIST 253 Empires and Nations in
Modern East Asia
- HIST 254 Modern Japan
- HIST 261 Modern Latin America
- HIST 262 The Making of Modern Brazil
- HIST 271 The Modern Middle East
- HIST 272 Palestine, Zionism and the
Arab-Israeli Conflict
- HIST 282 Africa in the Twentieth Century
- HIST 283 South Africa since 1500
- HIST 290 British Empire and Commonwealth
- HIST 291 History of Canada

- HIST 340 Imagining the Other: China and the West
 HIST 341 The Politics of Asian-Pacific War Memories
 HIST 370 Land and Power in Palestine and Israel: Advanced Readings in the Arab-Israeli Conflict
 HIST 380 Women and Gender in African History
 HIST 390 Food and Power in Africa and Asia

International Business

- IBUS 381 International Business Environment
 IBUS 390 International Business Issues and Topics
 IBUS 411 International Business Strategy

International Studies

- IS 230 Introduction to Africa: The Sociology of Africa
 IS 245 Introduction to South Asia
 IS 301 Dependency and Development: An Introduction to the Third World
 IS 310 Tribe, Nation, World : The Anthropology of Globalization
 IS 321 Exploring Latin American Experience: An Interdisciplinary Seminar

Management Systems

- MGMT 333 International Management

Marketing

- MKT 325 International Marketing

Philosophy

- PHIL 337 Social and Political Philosophy
 PHIL 344 Twentieth-Century Continental Philosophy

Political Science

- PLSC 240 Introduction to Comparative Politics
 PLSC 312 Modern Political Theory
 PLSC 340 Islam and Politics
 PLSC 341 Great Britain, France and Germany
 PLSC 342 Russia and the Newly Independent States
 PLSC 343 Politics of Asia
 PLSC 344 Europe Today
 PLSC 345 Politics of China, Hong Kong and Taiwan
 PLSC 346 Politics of Cultural Pluralism
 PLSC 347 Politics of Developing Nations
 PLSC 348 Politics of Africa
 PLSC 349 Politics of Latin America and the Caribbean
 PLSC 350 American Foreign Policy
 PLSC 352 International Law and Organizations
 PLSC 355 Middle East Security
 PLSC 356 International Political Economy
 PLSC 357 International Relations of East Asia
 PLSC 358 The United States and the Pacific Rim
 PLSC 360 International Development Policy
 PLSC 374 Methods for Cross National Research

Religion

- RELG 250 Introduction to World Religions

Sociology

- SOC 230 Introduction to Africa: The Sociology of Africa

International Studies: Latin America

Joan Bak (History), Advisor

Required: A minimum of nine courses distributed as follows:

- One introductory course on Latin America (Group A)
- At least three courses focusing on Latin America (Group B)
- No more than three courses with partial content on Latin America (Group C)
- No more than two background courses (Group D)

*Courses marked with an asterisk * may vary in emphasis depending upon instructor. Check before taking the class.*

*Courses marked with two asterisks ** are similar in content; students may received credit towards the concentration for only one course.*

Classes in which the language of instruction is other than English are specified.

Group A, Introductory Courses on Latin America:

- ANTH 308 Cultures and Peoples of Latin America
 IS 321 Exploring Latin American Experience
 SPAN 312 Perspectives on Nations and Cultures of Latin America (Spanish)

Group B, Courses Focusing on Latin America:

- BIOL 383 Tropical Biology and Conservation
 ENGL 205 Latino/a Literature and Film **
 ENGL 332 Literatures of the Caribbean
 HIST 100 Race and Color in Brazil
 HIST 261 Modern Latin America
 PLSC 349 Politics of Latin America and the Caribbean
 SPAN 331-332 Introduction to Spanish-American Literature, I-II (Spanish)
 SPAN 391 Contemporary Luzo-Brazilian Readings (Portuguese)
 SPAN 452 Spanish-American Poetic Texts (Spanish)
 SPAN 471 Latin American Cinema (Spanish)
 SPAN 472 Contemporary Spanish-American Theater (Spanish)
 SPAN 475 Women and Writing in Latin America (Spanish)
 SPAN 477 Literature of the Spanish-Speaking Caribbean (Spanish)
 SPAN 484 The Latin American Essay (Spanish)
 SPAN 485 Spanish-American Narrative (Spanish)
 SPAN 486 U.S. Latino/a Literature ** (Spanish)
 SPAN 487 Latin America: Encounter and Conflict (Spanish)

Group C, Courses with Partial Content on Latin America:

- ANTH 301 Dependency and Development: An Introduction to the Third World
- ANTH 310 Tribe, Nation, World: The Anthropology of Globalization*
- ECON 211 Economic Development in Asia, Africa and Latin America
- GEOG 207 World Regional Geography - Developing Regions *
- GEOG 320 Power, Space and Territory: Geographies of Political Change
- GEOG 370 Geographies of Economic Development and Globalization
- MUS 117 Salsa Meets Jazz
- PLSC 400 Senior Seminar: Comparative Political Economy-East Asia vs. Latin America

Group D, Background Courses

- ECON 105 Introduction to Global Economics
- PLSC 346 Politics of Cultural Pluralism
- PLSC 347 Politics of Developing Nations
- PLSC 356 International Political Economy
- PLSC 360 International Development Policy

International Studies: Modern Europe

Yvonne Howell (Modern Literatures and Cultures) and Hugh A. West (History), Advisors

Required:

- History 111 Ideas and Institutions of Western Civilization
- Political Science 344 Europe Today
- Two courses from area A chosen in consultation with the concentration advisor
- Two courses from area B chosen in consultation with the concentration advisor
- Two courses from area C chosen in consultation with the concentration advisor
- One course from area A, B or C chosen in consultation with the concentration advisor

Area A: Social Sciences/History**Economics**

- ECON 105 Introduction to Global Economics
- ECON 210 The Economics of the European Union
- ECON 220 History of Economic Thought

Geography

- GEOG 206 World Geography - Developed Regions

History

- HIST 224 European Women and Gender before Suffrage
- HIST 228 The Renaissance
- HIST 229 The Reformation
- HIST 231 England from 1688 to Present

- HIST 232 Tudor England, 1485-1603
- HIST 233 Stuart England, 1603-1714
- HIST 234 Georgian Britain, 1714-1837
- HIST 235 France: Old Regime and Revolution
- HIST 236 Russian Empire, Soviet Union and After
- HIST 242 Modern Germany
- HIST 243 Modern Britain
- HIST 244 The Hapsburg Empire and After
- HIST 245 Modern Balkans
- HIST 246 Russia in Revolution, 1905-1934
- HIST 247 Modern Ireland
- HIST 248 European Diplomacy from Bismarck to Hitler
- HIST 249 Twentieth-Century Europe
- HIST 321 History of Work in Europe

Political Science

- PLSC 240 Introduction to Comparative Politics
- PLSC 341 Great Britain, France and Germany
- PLSC 342 Russia and the Newly Independent States

Area B: Intellectual and Cultural History**Art**

- ART 222 Art History: Renaissance to the Present
- ART 314 Northern Renaissance Art
- ART 315 Art of the Italian Renaissance
- ART 316 Art in the Age of Reform
- ART 317 Nineteenth-Century Art
- ART 318 Twentieth-Century Art

French

- FREN 311 Life and Issues in the French-Speaking World
- FREN 441 Enlightenment
- FREN 465 French Film
- FREN 487 Contemporary Ideas

History

- HIST 240 Modern European Thought, 1650-1850
- HIST 241 Modern European Thought since 1850

German

- GERM 311 German Culture and Civilization
- GERM 440 Age of Idealism
- GERM 452 Fin de Ciele, 1900/2000
- GERM 465 Rebels with a Cause: Political Satire
- GERM 471 Sexuality and German Society
- GERM 472 Multiculturalism, Identity and Authorship in the German Context

Modern Languages

- MLC 256 Psychoanalysis, Literature and Culture
- MLC 331 Russian Cinema
- MLC 332 Russian Painting
- MLC 360 Representing the Holocaust
- MLC 365 German Film in Context

Music

- MUS 228 Critical Studies in Music History II
 MUS 330 An Era of Spectacle: Music and Art in the Baroque Period
 MUS 343 The Mass from Plainchant to Part
 MUS 344 Opera Studies

Philosophy

- PHIL 272 Modern Western Philosophy
 PHIL 275 Marx, Nietzsche and Freud
 PHIL 336 Nineteenth-Century European Philosophy
 PHIL 339 Existentialism
 PHIL 343 Twentieth-Century Analytic Philosophy
 PHIL 344 Twentieth-Century Continental Philosophy
 PHIL 357 Nietzsche

Political Science

- PLSC 312 Modern Political Theory

Religion

- RELG 356 Religious Thought of the Renaissance and Reformation

Russian

- RUSN 311 Russian Language in Culture
 RUSN 312 Russian Culture and Civilization

Spanish

- SPAN 311 Perspectives on People and Cultures of Spain
 SPAN 431 Imperial Spain
 SPAN 462 Visions of Contemporary Spain
 SPAN 465 Spanish Cinema

Area C: Literature**English**

- ENGL 302 Literature of the English Renaissance
 ENGL 304 Shakespeare
 ENGL 306 Milton
 ENGL 311 English Literature of the Restoration and Eighteenth Century
 ENGL 312 English Literature of the Romantic Period
 ENGL 313 English Literature of the Victorian Period
 ENGL 320 Topics in British Literature 1660-1900
 ENGL 346 Twentieth-Century British Literature
 ENGL 347 Topics in Twentieth-Century British Literature
 ENGL 348 Modernist Sexuality

French

- FREN 321, 322, 323 Introduction to French Literature
 FREN 421 Renaissance
 FREN 451 From Romanticism to Decadence
 FREN 461 From Modern to Post-Modern

German

- GERM 321 Introduction to German Literature

Modern Languages

- MLC 313 French Literature in Translation
 MLC 321-322 Russian Literature in Translation

Russian

- RUSN 321 Introduction to Nineteenth-Century Russian Literature
 RUSN 322 Introduction to Twentieth-Century and Contemporary Russian Literature
 RUSN 421-422 Russian Literature in the Original

Spanish

- SPAN 321 Literary Spain: Poetry, Drama, Fiction
 SPAN 432 True Lies: Fiction and Truth in Don Quixote
 SPAN 451 Spanish Literature of Exile
 SPAN 463 Modern Spanish Narrative
 SPAN 464 Modern Theatre in Spain

International Studies: World Politics and Diplomacy

Sheila Carapico (Political Science), Melissa LaBonte (Political Science), and John D. Treadway (History), Advisors

Required:

- One course from History 214, 215, 248, or 391
- One course from Political Science 356, 360; Economics 105, 210, 211, or 310; or Geography 370
- One course from Political Science 350 or 352
- Six additional courses selected from above and below

Anthropology

- ANTH 101 Introduction to Cultural Anthropology
 ANTH 336 Big Men, Chiefs and Presidents

Economics

- ECON 105 Introduction to Global Economics
 ECON 210 The Economics of the European Union
 ECON 211 Economic Development in Asia, Africa and Latin America
 ECON 212 Geographies of Economic Development and Globalization (same as Geography 370)
 ECON 230 Environmental Economics
 ECON 310 International Trade and Finance

English

- ENGL 336 Literatures of Globalization

Geography

- GEOG 206 World Geography—Developed Regions
 GEOG 207 World Geography—Developing Regions

- GEOG 260 Introduction to Geographic Information Systems
 GEOG 320 Power, Space and Territory
 GEOG 345 Society, Economy and Nature
 GEOG 370 Geographies of Economic Development and Globalization

History

- HIST 214 United States and the World 1877-1945
 HIST 215 United States and the World Since 1945
 HIST 236 Russian Empire, Soviet Union and After
 HIST 240 Modern European Thought, 1650-1850
 HIST 242 Modern Germany
 HIST 243 Modern Britain
 HIST 244 The Hapsburg Empire and After
 HIST 245 Modern Balkans
 HIST 246 Russia in Revolution, 1905-1934
 HIST 247 Modern Ireland
 HIST 248 European Diplomacy from Bismarck to Hitler
 HIST 249 Twentieth-Century Europe
 HIST 250 Modern Asia
 HIST 252 Modern China
 HIST 253 Empires and Nations in Modern East Asia
 HIST 254 Modern Japan
 HIST 261 Modern Latin America
 HIST 262 The Making of Modern Brazil
 HIST 271 The Modern Middle East
 HIST 272 Palestine, Zionism and the Arab-Israeli Conflict
 HIST 282 Africa in the Twentieth Century
 HIST 290 British Empire and Commonwealth
 HIST 291 History of Canada
 HIST 340 Imagining the Other: China and the West
 HIST 341 The Politics of Asian-Pacific War Memories
 HIST 390 Food and Power in Africa and Asia
 HIST 391 Transnational Social Reform

International Studies

- IS 230 Introduction to Africa
 IS 301 Dependency and Development: An Introduction to the Third World
 IS 310 Tribe, Nation, World: The Anthropology of Globalization
 IS 321 Exploring Latin American Experience

Leadership Studies

- LDST 307 Leadership in International Contexts
 LDST 354 Conflict Resolution

Political Science

- PLSC 240 Introduction to Comparative Politics
 PLSC 320 Power, Space and Territory
 PLSC 340 Islam and Politics

- PLSC 341 Great Britain, France and Germany
 PLSC 342 Russia and the Newly Independent States
 PLSC 343 Politics of Asia
 PLSC 344 Europe Today
 PLSC 345 Politics of China, Hong Kong and Taiwan
 PLSC 346 Politics of Cultural Pluralism
 PLSC 347 Politics of Developing Nations
 PLSC 348 Politics of Africa
 PLSC 349 Politics of Latin America and the Caribbean
 PLSC 350 American Foreign Policy
 PLSC 352 International Law and Organization
 PLSC 355 Middle East Security
 PLSC 356 International Political Economy
 PLSC 358 The United States and the Pacific Rim
 PLSC 360 International Development Policy
 PLSC 374 Methods for Cross National Research

Religion

- RELG 250 Introduction to World Religions

Individual Programs

A student who has an interest in an international studies area not listed here may be able to develop an individual program of study to meet the concentration requirement. Such a program will have a theme supported by appropriate courses and shall be approved by the coordinator of International Studies. Students who wish to pursue this option should see the program coordinator early in their college career to allow adequate time for planning.

COURSES

IS 210 Geographic Dimensions of Human Development

(See Geography 210.) *3 sem. hrs.*

IS 230 Introduction to Africa

Survey of African history, geography, institutions and current issues. *3 sem. hrs.*

IS 240 Gods, Spirits and Faith in Africa

Religious practices, institutions and forms of experience in Africa. Topics include creation myths, apocalyptic faiths, conventional and modified versions of Islam; mission and Zionist Christianities; sorcery in contemporary politics; spirit possession and ancestor worship. *3 sem. hrs.*

IS 245 Introduction to South Asia

General introduction to South Asia emphasizing the themes of tradition and change. Approach will be topical with attention to geography and history, literature and rhetoric, the social order, music and the visual arts, political systems, and relations among South Asian nations. *3 sem. hrs.*

IS 250 Selected Topics

Topics and issues in International Studies. May be repeated when topics vary. *1-3 sem. hrs.*

IS 290 Perspectives in International Studies

Issues in cross-cultural representation and interpretation. Analysis of origins and implications of diversity and interdependence among nations, cultures, regions. Not open to seniors except by permission of instructor. *3 sem. hrs.*

IS 301 Dependency and Development: An Introduction to the Third World

Interdisciplinary overview of less developed countries. Includes history of Third World, economics, politics, population growth, urbanization, world hunger, the environment, human rights and theories of underdevelopment. (Same as Anthropology 301.) *3 sem. hrs.*

IS 310 Tribe, Nation, World: The Anthropology of Globalization

Globalization "from the ground up," i.e., the perspective of people affected by the spread of consumerism, entertainment media and Western values. Theoretical controversies and particular case studies. (Same as Anthropology 310.) *3 sem. hrs.*

IS 320 Power, Space, and Territory: Geographies of Political Change

(See Geography 320; same as Political Science 320.) *3 sem. hrs.*

IS 321 Exploring Latin American Experience: An Interdisciplinary Seminar

Multiple disciplinary perspectives on history, society, politics, economics and culture of Latin America. *Prerequisite:* One course on Latin America. *3 sem. hrs.*

IS 350 Selected Topics

Selected topics in related subjects as arranged by the Program Coordinator. May be repeated when topics vary. *Prerequisite:* Permission of department. *1-6 sem. hrs.*

IS 388 Internship

May be taken for a grade or pass/fail. Up to three credits may be applied towards the major, only when a grade is awarded. *Prerequisites:* International Studies 201 and permission of department. *1-3 sem. hrs.*

IS 390 Independent Study

Topics independently pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-3 sem. hrs.*

IS 400 Senior Seminar

Follow up on core concepts and approaches introduced

in International Studies 290; sets of international issues and relationships are studied using tools and approaches of several disciplines. Seminar topics change from semester to semester. While readings are common, student's area of individual inquiry is, where possible, related to the concentration. *Prerequisite:* International Studies 290. *3 sem. hrs.*

ITALIAN PROGRAM

Department of Modern Literatures and Cultures

Minor Program Coordinator Anthony Russell

Associate Professor Russell

Assistant Professor Radi

Director of Language Instruction Marcin

Courses in Italian language, literature and culture are offered in the Department of Modern Literatures and Cultures. Additionally, students may pursue the interdisciplinary Italian Studies minor, which combines work in MLC with related courses in other departments.

Italian Studies Minor

Interdisciplinary investigation of Italian culture and history. Program requires completion of five or six courses (a minimum of 18 semester hours), with courses distributed as follows:

A. Three Italian courses (above the 200 level) in the Modern Literatures and Cultures Department
OR

Two Italian courses and two courses outside MLC with a Languages Across the Curriculum component.

B. Remaining coursework must be fulfilled outside the Modern Literatures and Cultures Department. A substantial portion of the content of these courses must be devoted to Italian Studies. For a list of existing courses that satisfy this requirement, contact the program coordinator. In addition to the regularly offered courses there will be others offered occasionally that may count towards an Italian Studies minor. All courses outside MLC that can be taken for credit towards the minor will be announced by the program coordinator at the beginning of each registration period. Students are strongly encouraged to satisfy some of the requirements of the minor by studying abroad.

COURSES**ITAL 101-102 Elementary Italian**

Introduction to Italian language and culture; development of skills in listening, speaking, reading and writing. *Prerequisite:* Italian 101 is prerequisite to 102. *3-3 sem. hrs.*

ITAL 201-202 Intermediate Italian

Active reinforcement and practice of listening, speaking, reading and writing, within contemporary cultural contexts. *Prerequisite:* Italian 201 is prerequisite to 202. 3-3 sem. hrs. (202 only, COM2)

ITAL 301 Italian Conversation through Cinema

Development of effective communication through viewing and discussion of contemporary films. *Prerequisite:* Italian 202 or permission of instructor. 4 sem. hrs.

ITAL 305 Italian Composition, Grammar and Conversation

Development of writing, speaking and comprehension. Emphasis will be placed on enhancing writing skills, vocabulary expansion, pronunciation, grammatical and communicative, both written and oral, accuracy. *Prerequisite:* Italian 202 or permission of instructor. 4 sem. hrs.

ITAL 311 The Three Regions

Comparative investigation of Tuscany, Veneto and Sicily through historical, literary, artistic, political and other cultural perspectives. Emphasis will be placed on the development of reading and writing skills. *Prerequisite:* Italian 202 or permission of instructor. 4 sem. hrs.

ITAL 321 Readings in Italian Literature

Introduction to Italian literature through analysis of selected works in their historical, aesthetic, sociopolitical and other cultural contexts. *Prerequisite:* Italian 301 or 311. 4 sem. hrs.

ITAL 388 Individual Internship

(See Modern Literatures and Cultures 388.) *Prerequisite:* Audition/permission of department. 1-2 sem. hrs.

ITAL 495 Independent Study

Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. 1-4 sem. hrs.

ITAL 497 Selected Topics

Special interest topics offered at department's discretion. *Prerequisite:* Permission of the department. 1-4 sem. hrs.

JAPANESE PROGRAM***Department of Modern Literatures and Cultures***

Director of the Japanese Language Program Akira Suzuki

This section contains information specific to the degree programs in Japanese. For full information regarding departmental policies relevant to all the MLC degree programs, study abroad and course sequencing, see the main page of the Department of Modern Literatures and Cultures.

Study Abroad

Study and travel abroad are strongly encouraged for all students. The department offers summer study programs in China, France, Germany, Japan and Russia. In addition, there are exchange agreements for study during the academic year in France, Germany, Japan, Quebec and Russia; others are being negotiated. For a complete list, contact the Office of International Education.

The Japanese Minor

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.70).

Eighteen semester hours of language study beyond the intermediate level (202); must include an approved study abroad experience.

COURSES**JAPN 101-102 Elementary Japanese**

Basic speaking, reading and writing (hiragana, katakana and simple kanji) with emphasis on oral performance in class. *Prerequisite:* Japanese 101 is prerequisite to 102. 4-4 sem. hrs.

JAPN 201-202 Intermediate Japanese

Further development of skills in speaking, reading and writing (appr. 250 kanji), continued emphasis on oral performance. *Prerequisite:* Japanese 102 or permission of department; Japanese 201 is prerequisite to 202. 4-4 sem. hrs. (202 only, COM2)

JAPN 301-302 Japanese Conversation

Continued development of speaking, reading and writing (with concentration of joyo kanji list). Strong emphasis on contemporary oral language of Japan. *Prerequisite:* Japanese 202 or permission of department. Japanese 301 is prerequisite to 302. 3-3 sem. hrs.

JAPN 310 Japanese Culture-Programmed Activities

Practical approach to relationship between Japanese language and culture. Emphasis on oral and written skills in weekly schedule of three to four days in local business along with three days in class. (Summer only; taught in Japan.) *Prerequisite:* Japanese 302. 3 sem. hrs.

JAPN 401-402 Advanced Japanese Language, Literature and Culture

This course prepares for more advanced study of Japanese through rigorous vocabulary expansion, more sophisticated language usage patterns, and expanded work in kanji. Materials are designed to advance the student's fluency for everyday communicative tasks as well as reading skills. *Prerequisite:* Japanese 302. 3-3 sem. hrs.

JAPN 495 Independent Study

Special projects individually pursued under supervision of faculty member. *Prerequisite:* Japanese 302. 1-3 sem. hrs.

JAPN 497 Selected Topics

Special interest topics offered at department's discretion.
Prerequisite: Permission of department. 3 sem. hrs.

JEWISH STUDIES

Samuel A. Abrash, Coordinator (Chemistry)

The Jewish Studies Minor

Six courses selected from among the courses listed or taken with approval of the Jewish Studies program coordinator, including:

- RELG 230 The History of Israel, 3 hours OR RELG 260 History of Judaism, 3 hours
- Five electives. Of the five remaining courses, two must be at the 300 level or higher, and no more than one may be chosen from Group II (below).

A maximum of two courses may be taken at VCU's Judaic Studies Program and applied to the minor with the prior permission of the program coordinator.

Group I: Jewish Studies Core Courses

ENGL 217	The Bible and Literature
HIST 271	The Modern Middle East
HIST 399	The Holocaust
JWST 297	Special Topics
JWST 397	Special Topics
MLC 360	Representing the Holocaust
RELG 201	The Bible as Literature
RELG 230	The History of Israel
RELG 232	Introduction to Biblical Hebrew
RELG 260	History of Judaism
RELG 331	The Hebrew Prophets
RELG 332	Hebrew and Christian Wisdom Literature
RELG 359	American Judaism

Group II: Related Courses

GERM 472	Multiculturalism, Identity and Authorship in the German Context
HIST 242	Modern Germany
HIST 249	Twentieth-Century Europe
PLSC 346	Politics of Cultural Pluralism
RELG 241	Introduction to Early Christian Era
RELG 242	Jesus and Christian Origins
RELG 243	The World of the New Testament
RELG 340	Varieties of Early Christianity
SPAN 421	Arabs, Jews and Christians from Frontier to Empire

COURSES**JWST 297 Special Topics in Jewish Studies**

Special topics related to Jewish history and/or culture that contribute to the Jewish Studies minor. 3-4 sem. hrs.

JWST 395 Independent Study in Jewish Studies

Topics independently pursued under supervision of faculty member. *Prerequisite:* Religion 230 or 260. 1-4 sem. hrs.

JWST 397 Special Topics in Jewish Studies

Special topics related to Jewish history and/or culture that contribute to the Jewish Studies minor. *Prerequisite:* Permission of instructor. 3-4 sem. hrs.

JWST 388 Individual Internship in Jewish Studies

Up to three credits may be applied toward the Jewish Studies minor. *Prerequisite:* Approval by the Jewish Studies coordinator. 1-3 sem. hrs.

JOURNALISM**Department of Journalism**

Steve Nash, Chair

Associate Professors Kindel, Nash, Spear

Journalism professionals also are employed as adjunct faculty members.

The Journalism Major

Note: Except for pass/fail courses, a grade of not lower than C (2.0) is required in each journalism course comprising the major.

Twenty-eight semester hours in journalism, including

- Journalism 200
- Journalism 204 (two semesters)
- Journalism 201
- Journalism 301
- Journalism 302
- Journalism 303
- Journalism 304
- Journalism 388 (two semesters at *The Collegian* or one and an acceptable substitute)
- Two journalism electives

The Journalism Minor

Note: Except for pass/fail courses, a grade of not lower than C (2.0) is required in each journalism course comprising the minor.

Eighteen semester hours in journalism, including

- Journalism 200
- Journalism 201
- Journalism 204 (two semesters)
- Journalism 301
- Journalism 303
- Journalism 388 (one semester at *The Collegian*)
- One journalism elective

General Prerequisites: Journalism 200 with a grade of C or better, and one semester of 204 with a grade of P are prerequisites for Journalism 201. Journalism 200 and 204 may be taken concurrently. Journalism 201 with a grade of C or better is prerequisite for all other journalism courses, and is best completed before the end of the sophomore year.

COURSES

JOUR 200 News Media and Society

History and development of print and electronic media. Conflicts between the free press and other social objectives. External and internal controls affecting news media and flow of information. *3 sem. hrs.* (FSSA)

JOUR 201 News Writing and Reporting

Intensive training in basic writing and reporting skills, news values and research. Includes frequent writing assignments. *Prerequisites:* Journalism 200 with a grade of C or better, one semester of Journalism 204 with a P grade, and basic typing, transcription and grammar skills. *3 sem. hrs.*

JOUR 202 Feature and Magazine Article Writing

Research and writing of news-feature and magazine articles. *Prerequisites:* Journalism 201 with a grade of C or better. *3 sem. hrs.*

JOUR 204 Colloquium

Reading, viewing, analysis and discussion of critical issues of contemporary journalism in all media. Two semesters required for the major and minor. Graded pass/fail. *1 sem. hr.*

JOUR 205 Photojournalism

Theory and practice of news and feature photography, properties of light and lenses. *Prerequisites:* Journalism 201 with a grade of C or better or consent of instructor and an approved 35mm digital SLR camera. *3 sem. hrs.*

JOUR 301 Copy Editing

Improving news writing through practice in copy reading, editing and discussion of news styles, grammar, usage, page design, headline writing, picture selection, news judgment. *Prerequisites:* Journalism 201 with a grade of C or better. *3 sem. hrs.*

JOUR 302 Public Affairs Reporting

Writing and reporting on public institutions such as police, courts and legislative bodies. Interviewing and researching using public documents. Frequent off-campus writing assignments. *Prerequisite:* Journalism 201 with a grade of C or better. *3 sem. hrs.*

JOUR 303 Journalism Law, Ethics

Case studies of ethical conflicts encountered in reporting and editing. State and federal case and statutory law affecting news media, especially regarding libel, privacy, free expression and "freedom of information." *Prerequisites:* Journalism 201 with a grade of C or better. *3 sem. hrs.*

JOUR 304 Seminar

Study of specialized field of reporting or writing. *Prerequisites:* Journalism 201 with a grade of C or better or consent of instructor. *3 sem. hrs.*

JOUR 306 News Graphics

Introduction to publication design, including history and basics of typography, newspaper design, photo editing and infographics. *Prerequisite:* Journalism 201 with a grade of C or better. *3 sem. hrs.*

JOUR 307 Documentary Journalism I: Evolution of the Social Narrative

Exploration of genre of social documentaries, including works of prominent documentary makers (audio, video and film), and relevant ethical, aesthetic, legal and economic issues. Requires production of short documentary feature in digital video or audio. *Prerequisite:* Journalism 201 with a grade of C or better. *3 sem. hrs.*

JOUR 308 Documentary Journalism II: Study and Practice

Application of principles and practices of documentary making, including story research; production organization and budgeting; writing; field and technical production. Completion of one or more documentary works. *Prerequisite:* Journalism 307. *3 sem. hrs.*

JOUR 309 Digital News I: Multimedia Reporting and Convergence

Specialized training and practice in news writing, reporting and editing for electronic distribution. Exploration of how digital technology affects the gathering, production and dissemination of news. Examines convergence, audience, research and business and legal aspects of electronic publishing. *Prerequisite:* Journalism 201 with a grade of C or better. *3 sem. hrs.*

JOUR 310 Digital News II: Multimedia Production and Convergence

Specialized training and practice in use of audio and video field and studio equipment used for electronic newsgathering (ENG) and production. Will explore latest developments in Web news production and publishing and other evolving technologies such as digital and satellite radio. *Prerequisite:* Journalism 309. *3 sem. hrs.*

JOUR 311 Press and Politics

Exploration of roles and responsibilities of the press in the political processes of the United States, post World War II to present. *Prerequisite:* Journalism 201 with a grade of C or better. *3 sem. hrs.*

JOUR 312 Independent Study

Enables qualified students who have completed basic requirements for major to work independently on special reporting and research projects. *Prerequisites:* Permission of departmental chair and instructor. *1-3 sem. hrs.*

JOUR 388 Internship

Supervised work in writing, research or production for on- or off-campus news media. et. Must be taken pass/fail. May be repeated with the consent of the instructor. *Prerequisite:* Journalism 201 with a grade of C or better. *1-2 sem. hr.*

LANGUAGE ACROSS THE CURRICULUM PROGRAM

Robert Graboyes, Coordinator (Economics)

Language Across the Curriculum offers one-credit, pass/fail courses in a variety of languages. LAC sections are usually taught by international students or bilingual students, and they are offered in conjunction with primary courses throughout the curriculum, including CORE, political science/social sciences, arts/literatures, science/health, business administration and leadership studies. The purpose of an LAC section is to engage students' foreign language skills in the context of another discipline. A LAC course will not count toward a major or minor. No more than three hours of LAC credit may count toward the total number of hours required for a degree.

COURSES**LAC 250 Spanish: Language Across the Curriculum**

Students will be guided in their study and discussion of authentic Spanish materials relevant to materials in the primary course. Pass/fail grades only. *Prerequisite:* COM2 proficiency in Spanish or permission of instructor. *1 sem. hr.*

LAC 251 French: Language Across the Curriculum

Students will be guided in their study and discussion of authentic French materials relevant to materials in the primary course. Pass/fail grades only. *Prerequisite:* COM2 proficiency in French or permission of instructor. *1 sem. hr.*

LAC 252 Italian: Language Across the Curriculum

Students will be guided in their study and discussion of authentic Italian materials relevant to materials in the primary course. Pass/fail grades only. *Prerequisite:* COM2 proficiency in Italian or permission of instructor. *1 sem. hr.*

LAC 253 German: Language Across the Curriculum

Students will be guided in their study and discussion of authentic German materials relevant to materials in the primary course. Pass/fail grades only. *Prerequisite:* COM2 proficiency in German or permission of instructor. *1 sem. hr.*

LAC 254 Russian: Language Across the Curriculum

Students will be guided in their study and discussion of authentic Russian materials relevant to materials in the primary course. Pass/fail grades only. *Prerequisite:* COM2 proficiency in Russian or permission of instructor. *1 sem. hr.*

LAC 255 Chinese: Language Across the Curriculum

Students will be guided in their study and discussion of authentic Chinese materials relevant to materials in the primary course. Pass/fail grades only. *Prerequisite:* COM2 proficiency in Chinese or permission of instructor. *1 sem. hr.*

LAC 256 Japanese: Language Across the Curriculum

Students will be guided in their study and discussion of authentic Japanese materials relevant to materials in the primary course. Pass/fail grades only. *Prerequisite:* COM2 proficiency in Japanese or permission of instructor. *1 sem. hr.*

LAC 257 Language Across the Curriculum: Other

Students will be guided in their study and discussion of authentic materials in another language relevant to materials in the primary course. Pass/fail grades only. *Prerequisite:* Permission of department. *1 sem. hr.*

LAC 388 LAC Internship

Students lead language across the curriculum sections of courses in various languages. Internship credit does not count toward a major or minor in the language. *Prerequisite:* Selection by LAC faculty director and approval of the primary course instructor. *1 sem. hr.*

LATIN

Department of Classical Studies

Dean W. Simpson, Chair

Associate Professors Laskaris, Simpson, Stevenson

The Latin Major

Thirty-six semester hours including 12 hours of a core curriculum and 24 hours of Latin.

I. Core Curriculum 12 hours

- CLSC 302, Roman Art and Archaeology, 3 hours
- CLSC 305, Greek and Roman Values OR CLSC 306 The Classical Tradition, 3 hours
- HIST 222 Hellenistic Greece and Republican Rome OR HIST 223 The Roman Empire, 4 hours
- LATN 498 Major Seminar, 3 hours

II. Twenty-four semester hours of Latin

Note: A minimum of two years of Greek is recommended for students intending to pursue graduate study.

Combined Major in Latin and English Literature

The combined program in Latin and English is intended for students who wish to pursue in-depth work in both languages and literary traditions.

The Latin Minor

Eighteen semester hours of Latin, with at least six hours at the 300 or 400 level.

No Latin 100- or 200-level course may be used to meet the Literary Studies field-of-study requirement.

Prerequisite for all 300- and 400-level Latin courses: Latin 202 or permission of department.

COURSES

LATN 101-102 Elementary Latin

Introduction to Latin language and Roman culture. *Prerequisite:* Latin 101 is prerequisite to 102. 3-3 sem. hrs.

LATN 201-202 Intermediate Latin

Continued study of Latin language and Roman culture plus selected readings. *Prerequisite:* Latin 102 or the permission of department. Latin 201 is prerequisite to 202. 3-3 sem. hrs. (202 only, COM2)

LATN 301 Plautus

Study of Roman comedy using Latin texts, videotapes and live performance. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs. (FSVP)

LATN 302 Ovid

Mythic traditions of Greco-Roman culture. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs.

LATN 303 Roman Epic

Special emphasis on Vergil's Aeneid. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs.

LATN 304 Roman Historiography

Emphasis on Livy and Tacitus. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs.

LATN 305 Horace

The lyric poetry. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs.

LATN 306 Roman Philosophical Literature

Special emphasis on Lucretius' *De Rerum Natura* or Cicero's *Tusculan Disputations*. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs.

LATN 307 Catullus

Literary analysis of selected readings. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs. (FSLT)

LATN 308 The Novel

Latin novels of Petronius and Apuleius. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs.

LATN 309 Cicero

Theory and history of Roman oratory. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs.

LATN 398 Selected Topics

Topics or themes in Roman literature. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs.

LATN 411 The Teaching of High School Latin

Theory and practice of teaching Latin. Designed to enable

teachers to meet state licensure requirements. *Prerequisite:* Latin 202 or permission of department. 3 sem. hrs.

LATN 498 Major Seminar

Required of all majors. Study of research strategy and methodology inherent in Latin studies. Preparation of research paper. *Prerequisite:* Permission of department. 3 sem. hrs.

LATN 499 Independent Study

Content adapted to requirements and interests of participant. *Prerequisite:* Permission of department. 1-3 sem. hrs.

LATIN AMERICAN AND IBERIAN STUDIES

Department of Latin American and Iberian Studies

Claudia Ferman, Chair

Associate Professors Feldman, Ferman, Hermida-Ruiz, Marrero-Fente

Assistant Professors Abreu, Kaempfer

Visiting Assistant Professors Albin, Middlebrooks, Valencia
Director of the Intensive Language Program in Spanish
Peebles

Assistant Director of the Intensive Language Program in Spanish
Dean

Director of the Outreach Program
Lawrence

Director of the Multi-Media Language Laboratory
Scinicariello

Related Majors and Minors

Spanish

See International Studies major curriculum for the following LAIS-related concentrations: Latin American Studies, Modern Europe, and World Politics and Diplomacy.

Spanish Major/International Business Option

To be carried out in conjunction with a major in the Robins School of Business with an International Business concentration.

Study Abroad

Study and travel abroad are strongly encouraged for all students. The department offers summer study programs in Argentina and Spain. In addition, there are exchange agreements for study during the academic year in Argentina, Chile, Mexico and Spain. For a complete list, contact the Office of International Education.

Outreach Program

The LAIS Outreach Program at the University of Richmond builds bridges with the Hispanic community, giving students the opportunity to enrich their cultural experience and use their language skills. Participating in this program, students may work a minimum of 20 hours per semester for an additional one hour of credit.

LAW AND THE LIBERAL ARTS

Nancy Schaubert, Coordinator (Philosophy)

Law and the Liberal Arts is an interdisciplinary minor that consists of courses from across the curriculum. The courses that count toward the minor are those that are generally recommended by law schools for students thinking about going to law school. The purpose of the courses within the minor is to prepare one to think critically and analytically as a well-rounded liberal artist.

The Law and the Liberal Arts Minor

Students must receive a C- (1.7) or above for these courses to count toward the minor.

The courses are divided into eight areas: Law, American History, Economics, Ethics, Legal System, Logical Reasoning, Public Speaking and Debate, and Writing.

In order to complete a Law and the Liberal Arts minor, a student must take one course in Area 1 and one course in five of the remaining areas (see below). No more than three of the courses to be applied toward the minor may be from any one department.

Courses:

Area 1: Law

CJ 320	Fundamentals of Criminal Law
ECON 231	Law and Economics
PHIL 260	Philosophical Problems in Law and Society
PLSC 331	Constitutional Law
PLSC 333	Civil Rights and Civil Liberties
PLSC 352	International Law
WGSS 302	Women and the Law
PLSC 379	Selected Topics (appropriate when the subject relates primarily to law and the course is approved by the Law and the Liberal Arts advisory council)

Area 2: American History

HIST 120	U.S. to 1877
HIST 121	U.S. Since 1877
PLSC 336	American Constitutional History

Area 3: Economics

ECON 101	Principles of Microeconomics
ECON 102	Principles of Macroeconomics
ECON 105	Introduction to Global Economics

Area 4: Ethics

LDST 205	Justice and Civil Society
PHIL 220	Contemporary Moral Issues
PHIL 360	Ethics
RELG 267	Varieties of Christian Ethics
BUAD 392	Ethical, Social and Legal Responsibilities

Area 5: Legal System

CJ 321	Fundamentals of Criminal Procedure
PLSC 337	Legal System
SOC 310	Criminology
SOC 324	Law and Society

Area 6: Logical Reasoning

CMSC 150	Introduction to Computing
CMSC 155	Introduction to Scientific Computing
LDST 250	Critical Thinking
MATH 250	Fundamentals of Abstract Mathematics
PHIL 251	Elementary Symbolic Logic

Area 7: Public Speaking and Debate

RHCS 101	Rhetoric and Public Address
RHCS 201	Argumentation and Debate
RHCS 325	Medieval to Modern Rhetorics
RHCS 332	Practicum/Debate (two hours)
RHCS 343	Rhetoric and Politics
PLSC 290	Mock Trial (two hours)

Area 8: Writing

ENGL 382	Topics in Advanced Composition
ENGL 383	Introduction to Composition Theory and Pedagogy

LIBRARY INFORMATION SKILLS

Taught by University Librarians

Students must complete two Library and Information Skills Workshops, Library 100 and 101, during their first year.

COURSES

LIB 100 Library/Information Skills I

Library 100 provides an introduction to university library resources, including the libraries' Web site, the library catalog, and full-text periodical databases. Students are responsible for enrolling in Library 100 for the Fall of their first year of enrollment. *0 sem. hrs.*

LIB 101 Library/Information Skills II

Library 101 builds on Library 100 with emphasis on searching full-text newspapers, locating periodical archives and citing sources. Students are responsible for enrolling in Library 101 for the Spring of their first year of enrollment. *0 sem. hrs.*

MATH

Department of Mathematics and Computer Science

B. Lewis Barnett III Chair

Professors Charlesworth, Davis, J. Hubbard, Ross

Associate Professors Barnett, Caudill, Fenster, Greenfield, Hoke, Kerckhove, Nall, Szajda

Assistant Professors Lawson, Owen, Shaw, Trapp

Director of Computer Science Laboratories A. Hubbard

The Math Major

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no Mathematics course grade below C- (1.7). Students are strongly advised to consult with faculty in planning their major or minor curricula.

For either the Bachelor of Arts or Bachelor of Science degree:

- Mathematics 211 or 231
- Mathematics 212 or 232
- Mathematics 235
- Mathematics 245
- Mathematics 250
- Mathematics 306
- Two of the following Mathematics courses: 307, 321, 324, 330, 331, and 336
- Six additional semester hours from 300-level mathematics courses

Note: Students are strongly advised to complete either Math 306 or 320 prior to the senior year.

And for the Bachelor of Arts degree:

- Computer Science 150 or 155

And for the Bachelor of Science degree:

- Computer Science 150 or 155
- Four other courses in Computer Science with at least two at the 300 level, or two three-hour (or more) courses beyond the introductory level in one of the following fields: Physics (200 level or above), Chemistry (200 level or above), or Biology (beyond 201-205)

The Math Minor

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no Mathematics course grade below C- (1.7). Students are strongly advised to consult with faculty in planning their major or minor curricula.

Requirements:

- Mathematics 211 or 231
- Mathematics 212 or 232
- Mathematics 235
- Mathematics 245
- Two courses at the 300-level

Interdisciplinary major in Mathematics and Economics: See Mathematical-Economics.

COURSES

MATH 102 Problem Solving Using Finite Mathematics

Topics to demonstrate power of mathematical reasoning. Course has two components: (1) introduction to sets and symbolic logic (the fundamentals of proving results) and (2) the application of these fundamentals to one particular area of mathematics. The area is dependent on the instructor. *3 sem. hrs.* (FSSR)

MATH 103 An Introduction to Simulation (The Mathematics of Waiting in Line)

Introduction to fundamentals of abstracting practical situations involving waiting lines (e.g., supermarket lines, assembly lines, emergency rooms, computer networks) into mathematical models. Abstracted models will be simulated using computer software to obtain approximate solutions. Introduction to statistical analysis of data is also included. *3 sem. hrs.* (FSSR)

MATH 104 Symmetry in Tilings and Patterns

Introduction to symmetry and its use in the generation and classification of geometric patterns. *3 sem. hrs.* (FSSR)

MATH 119 Statistics for Social and Life Sciences

Introduction to statistical methods with some applications in the social and life sciences. Topics include descriptive statistics, graphical methods, estimation, hypothesis testing, regression, correlation and the analysis of categorical data. The proper use of statistical computing software like SPSS will be emphasized. *NOTE: Credit cannot be received for both Mathematics 119 and either Psychology 200 or Business Administration 301. 3 sem. hrs.*

MATH 195 Special Topics

Special topics satisfying neither major nor minor requirements. *1-3 sem. hrs.*

MATH 211 Calculus I

Limits, continuity, derivatives and integrals. Derivatives of trigonometric, exponential, logarithmic and inverse trigonometric functions; applications to curve sketching; applications to the physical, life and social sciences; Mean Value Theorem and its applications; Fundamental Theorem of Calculus. *Prerequisite:* High school precalculus. *3 sem. hrs.* (FSSR)

MATH 212 Calculus II

Techniques of integration; applications of integration; improper integrals; Taylor's Theorem and applications; infinite series; differential equations. Credit will not be given for both Mathematics 212 and 231. *Prerequisite:* Mathematics 211 or one year of high school AP calculus. *3 sem. hrs.* (FSSR)

MATH 219 Introduction to the Design of Experiments

The basic theory and principles related to the design of modern scientific experiments. Topics include: analysis of variance (ANOVA) for experiments with a single factor, multiple comparisons of treatment means, factorial experiments, blocking, randomized block designs, Latin square designs, random effects models, analysis of covariance, nested models, and other topics. *Prerequisite:* Either Mathematics 119, Psychology 200, Chemistry 300, Business Administration 301, or Mathematics 330. *3 sem. hrs.*

MATH 231 Scientific Calculus I

Topics of calculus—limits, derivatives, integration, differential equations—with applications in the natural sciences. Includes trigonometric, exponential and logarithmic functions; techniques of integration, probabilistic thinking, error and unit analysis. Credit will not be given for both Mathematics 212 and 231. *Prerequisite:* Mathematics 211. 3 sem. hrs. (FSSR)

MATH 232 Scientific Calculus II

Continuation of Mathematics 231. Taylor series and geometric series; topics in Mathematics 231 extended to functions of two or more variables; topics in linear algebra. *Prerequisite:* Mathematics 231. 3 sem. hrs. (FSSR)

MATH 235 Multivariate Calculus

N-dimensional Euclidean space, functions of several variables, partial derivatives, multiple integrals, line and surface integrals, classical integral theorems, applications. *Prerequisite:* Mathematics 212 or 232. 3 sem. hrs. (FSSR)

MATH 245 Linear Algebra

Vector spaces, matrices, systems of linear equations, linear transformations, Eigenvalues, applications. *Prerequisite:* Mathematics 212 or 232 or Computer Science 222. 3 sem. hrs.

MATH 250 Fundamentals of Abstract Mathematics

Logic, quantifiers, negations of statements with quantifiers, set theory, induction, counting principles, relations and functions, cardinality. Emphasis on methods of proof and proper mathematical expression. *Prerequisite:* Mathematics 212 or 232. 3 sem. hrs.

MATH 306-307 Abstract Algebra I and II

Systematic study of the theory of groups, rings and fields. *Prerequisites:* Mathematics 245 and 250. Mathematics 306 is prerequisite to 307. 3-3 sem. hrs.

MATH 310 Advanced Multivariable Calculus

Differentiation of vector-valued functions, Jacobians, integration theorems in several variables. Fourier series, partial differential equations. *Prerequisite:* Mathematics 235. 3 sem. hrs.

MATH 312 Differential Equations

Introduction to ordinary differential equations and their use as models of physical systems. Linear and nonlinear equations and systems of equations, including existence and uniqueness theorems, analytical solution techniques, numerical methods, and qualitative analysis. Includes studies of global behavior and local stability analysis of solutions of nonlinear autonomous systems; bifurcation analysis; Laplace transforms. Application and modeling of real phenomena included throughout. *Prerequisite:* Mathematics 212 or 232. Corequisite: Mathematics 245. 3 sem. hrs.

MATH 315 Modern Geometry

Geometry of surfaces in 3-dimensional space, including lengths, areas, angles, curvature and topology. Classification of Euclidean isometries. Classification of compact surfaces having constant Gaussian curvature. *Prerequisites:* Mathematics 235 and 245. 3 sem. hrs.

MATH 320-321 Real Analysis I and II

Topological properties of the real line and Euclidean space. Convergence, continuity, differentiation, integration properties of real-valued functions of real variables. *Prerequisites:* Mathematics 235 and 250. Mathematics 320 is prerequisite to 321. 3-3 sem. hrs.

MATH 323 Discrete Mathematical Models

Applications of discrete mathematics from two viewpoints: how mathematical models are used to solve problems from other fields and how problems from other fields stimulate the development of new mathematics. Probabilistic models are emphasized. Examples of problems include analysis of board games, elections and DNA. *Prerequisite:* Mathematics 245. 3 sem. hrs.

MATH 324 Continuous Mathematical Models

Continuous models in modern applications. Primary focus on practical understanding of the modeling process, with goals of developing individual modeling skills, and ability to critically read modeling reports in scholarly journals. Mathematical topics include ordinary differential and partial differential equations. *Prerequisite:* Mathematics 312. 3 sem. hrs.

MATH 328 Numerical Analysis

Analysis and implementation of algorithms used in applied mathematics, including root finding, interpolation, approximation of functions, integration, solutions to systems of linear equations. (Same as Computer Science 328.) *Prerequisites:* Mathematics 212 or 232, 245, and Computer Science 150 or 155. 3 sem. hrs.

MATH 329 Probability

Introduction to the theory, methods and applications of randomness and random processes. Probability concepts, independence, random variables, expectation, discrete and continuous probability distributions, moment-generating functions, simulation, joint and conditional probability distributions, sampling theory, laws of large numbers, limit theorems. *Prerequisites:* Mathematics 235. Corequisite: Mathematics 245. 3 sem. hrs.

MATH 330 Mathematical Statistics

Introduction to basic principles and procedures for statistical estimation and model fitting. Parameter estimation, likelihood methods, unbiasedness, sufficiency, confidence regions, Bayesian inference, significance testing, likelihood ratio tests, linear models, methods for categorical data, resampling methods. *Prerequisite:* Mathematics 329. 3 sem. hrs.

MATH 331 Complex Analysis

Introduction to the calculus of functions of a single complex variable, including series, calculus of residues, and conformal mapping. *Prerequisite:* Mathematics 310 or Physics 301. *3 sem. hrs.*

MATH 336 Operations Research

Linear and Integer Programming: algorithms, complexity, sensitivity and duality. Applications such as assignments, networks, scheduling. *Prerequisite:* Mathematics 323. *3 sem. hrs.*

MATH 340 Directed Independent Study

For well-qualified students who wish to work independently in areas not included in curriculum. Proposal must be approved by departmental committee. *Prerequisite:* Permission of departmental chair and instructor. *1-4 sem. hrs.*

MATH 350 Coding Theory

Error-correcting codes are used to ensure reliable electronic communication in everything from compact disc players to deep space transmission. Topics include linear codes, design theory, cyclic codes, counting arguments for nonexistence, decoding algorithms. *Prerequisite:* Mathematics 245 or permission of instructor. *3 sem. hrs.*

MATH 355 Cryptography

History and development of "secret codes" with applications to electronic commerce, diplomatic and military communication and computer security. Emphasis on mathematical structures underlying classical, arithmetic, algebraic, mechanical, electronic and public-key cryptosystems. *Prerequisites:* Mathematics 245 and either Mathematics 250 or Computer Science 222 or permission of instructor. *3 sem. hrs.*

MATH 395 Special Topics

Selected topics in mathematics. *Prerequisite:* Varies with topic. *1-3 sem. hrs.*

MATH 420 Senior Research

1-3 sem. hrs.

MATHEMATICAL ECONOMICS

Jason Owen, Mathematics Program Coordinator
Andrew Yates, Economics Program Coordinator

The mathematical economics (MATH-ECON) major includes courses taught by faculty in both the Mathematics and Economics departments. Faculty members, graduate students and recent Ph.D.s ranked analytical skills and mathematics as the most important skills necessary for success in the graduate study of

economics. The MATH-ECON major is designed to develop those skills. Additionally, the combined major provides a stronger, more coordinated curriculum for students who would otherwise major in economics or business and minor in mathematics.

The Mathematical Economics Major for the Bachelor of Science Degree

Note: A grade point average of C (2.00) is required in the major, with no course grade below a C- (1.70) in courses counting towards the major.

I. Required

MATH 211 Calculus I, 3

MATH 212 Calculus II, 3

Note: Math 231-232 can be substituted for Math 211-212.

MATH 235 Multivariate Calculus, 3

MATH 245 Linear Algebra, 3

MATH 329 Probability, 3

MATH 330 Mathematical Statistics, 3

CMSC 150 Introduction to Computing, 4, or

CMSC 155 Introduction to Scientific Computing, 4

ECON 101 Principles of Microeconomics, 3

ECON 102 Principles of Macroeconomics, 3

ECON 271 Microeconomic Theory, 3

ECON 272 Macroeconomic Theory, 3

ECON 340 Econometrics, 4

ECON 341 Mathematical Economics, 3

MTEC 400 Capstone in Mathematical Economics, 3

II. One elective from

MATH 310 Advanced Multivariate Calculus, 3

MATH 312 Differential Equations, 3

MATH 320 Real Analysis I, 3

MATH 323 Discrete Mathematical Models, 3

MATH 328 Numerical Analysis, 3

III. One elective from

ECON 300 Industrial Organization and Public Policy, 3

ECON 310 International Trade and Finance, 3

ECON 330 Environmental and Resource Economic Theory, 3

ECON 331 Labor Economics, 3

ECON 332 Public Economics, 3

ECON 360 Selected Economic Topics, 1-3

COURSES**MTEC 400 Capstone in Mathematical Economics**

Seminar that focuses on an area of advanced mathematics with broad economic applications. Students will independently explore the area through readings from both the mathematical and economic literatures. *Prerequisites:* Economics 271, Mathematics 330 and senior standing. *3 sem. hrs.*

MILITARY SCIENCE AND LEADERSHIP

*Richard D. Gillem, Jr., Lieutenant Colonel, U.S. Army,
Chair*

Professor Gillem

Associate Professors Jankowski, Jeffress

Assistant Professors Bryant, Phillips, Underwood

The objective of the military science and leadership program is to provide the leadership and management foundation required for military service as a commissioned officer or in a civilian counterpart position. In support of this objective the program includes classroom instruction and activities geared to the development of leadership skills.

Military Science and Leadership classes may be taken by all University students. Class enrollment in the Military Leadership classes carries no U.S. Army commitment and there is no obligation to enroll for successive course offerings. College and/or commissioning credit may be awarded for prior military service, attendance at the ROTC Leader's Training Course, or Junior ROTC participation. International students desiring to attend Military Science and Leadership classes must have written approval from their respective embassies prior to taking classes.

COURSES

MSCL 101 Foundations of Officership

Introduces students to fundamental components of service as an officer in the United States Army. These initial lessons form building blocks of progressive lessons in values, fitness, leadership and officership. Additionally, the program of instruction addresses "life skills" including fitness, communications theory and practice (written and oral), and interpersonal relationships. *Prerequisite:* First-year or second-year class standing, or permission of department chair. *1 sem. hr.*

MSCL 102 Introduction to Leadership

Introduction to "life skills" of problem solving, decision making and leadership designed to help students in the near term as leaders on campus. Also will help students be more effective leaders and managers in the long term, whether they serve in the military or as leaders in civilian life. This course is designed to introduce the student to fundamental officer skills such as map reading, land navigation, tactics and leadership values/actions. Using these basic skills, students will build a rudimentary understanding of the core competencies necessary to become an Army officer and leader. *Prerequisite:* First-year or second-year class standing, or permission of department chair. *1 sem. hr.*

MSCL 201 Innovative Team Leadership

Explores the dimensions of creative and innovative tactical leadership strategies and styles by examining

team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Aspects of personal motivation and team building are practiced planning, executing and assessing team exercises and participating in leadership labs. The focus continues to build on developing knowledge of the leadership values and attributes through understanding Army rank, structure and duties as well as broadening knowledge of land navigation and squad tactics. Case studies will provide a tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the contemporary operating environment. *Prerequisites:* Military Science and Leadership 101 and 102 or permission of department chair. *2 sem. hrs.*

MSCL 202 Foundations of Tactical Leadership

Examines the challenges of leading tactical teams in the complex contemporary operating environment (COE). Highlights dimensions of terrain analysis, patrolling and operations orders. Continued study of the theoretical basis of the Army leadership framework explores the dynamics of adaptive leadership in the context of military operations. Provides a smooth transition to MSCL 301. Cadets develop greater self awareness as they assess their own leadership styles and practice communication and team-building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios. *Prerequisite:* Military Science and Leadership 201 or permission of department chair. *2 sem. hrs.*

MSCL 204 Leader's Training Course

Five-week summer course consisting of leadership training at Fort Knox, Ky. Completion of this course equates to completion of Military Science and Leadership 101-202 and enables students to enroll in the advanced military leadership courses. Amount of academic credit awarded depends upon amount of basic military science credit previously earned. Travel pay and salary provided through Department of Military Science and Leadership. Graded pass/fail. *Prerequisites:* Enrollment in the ROTC program, military service obligation and permission of department chair. *0-6 sem. hrs.*

MSCL 205 Military History

Analyzes the U.S. Army from Colonial times to the present. Emphasizes the Revolutionary War, Civil War, and 20th century wars. Focuses on the Army's leadership, doctrine, organization and technology while simultaneously investigating the intellectual and ethical aspects of the Army in American and world society. *3 sem. hrs.*

MSCL 301 Adaptive Team Leadership

Study, practice and evaluation of adaptive team leadership skills as presented with the demands of the ROTC Leader Development and Assessment Course (LDAC). Challenging scenarios related to small-unit tactical operations are used to develop self awareness and

critical thinking skills. Provides systematic and specific feedback on leadership abilities. *Prerequisite:* Military Science and Leadership 202, 204, or permission of department chair. 3 sem. hrs.

MSCL 302 Leadership in Changing Environments

Instruction and case studies that build upon leadership competencies and military skills attained in Military Science and Leadership 301 in preparation for future responsibilities as army officers. Specific instruction is given in individual leader development, planning and execution of small-unit operations, individual and team development, and the army as a career choice. *Prerequisite:* Military Science and Leadership 301 or permission of department chair. 3 sem. hrs.

MSCL 390 Independent Study

In-depth exploration of a subject not included in other courses offered by the department to be done independently but under the supervision of a faculty member. *Prerequisites:* Two semesters of military science and permission of department chair. 1-4 sem. hrs.

MSCL 401 Developing Adaptive Leaders

Develops student proficiency in planning, executing and assessing complex operations, functioning as a member of a staff, and providing performance feedback to subordinates. Students are given situational opportunities to assess risk, make ethical decisions and lead fellow ROTC cadets. Lessons on military justice and personnel processes prepare students to make the transition to becoming an Army officer. During the MSCL IV year, students will lead cadets at lower levels. Both classroom and battalion leadership experiences are designed to prepare students for the first unit of assignment. Students will identify responsibilities of key staff, coordinate staff roles and use battalion operations situations to teach, train and develop subordinates. *Prerequisite:* Military Science and Leadership 302 or permission of department chair. 3 sem. hrs.

MSCL 402 Leadership in a Complex World

Explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). Students will examine differences in customs and courtesies, military law, principles of war and rules of engagement in the face of international terrorism. Exploration of aspects of interacting with nongovernment organizations, civilians on the battlefield and host nation support. Places significant emphasis on preparation for BOLC II and III and first unit of assignment. Uses case studies, scenarios, and “What Now, Lieutenant?” exercises to prepare to face the complex ethical and practical demands of leading as a commissioned officer in the United States Army. *Prerequisite:* Military Science and Leadership 302 or permission of department chair. 3 sem. hrs.

MODERN LITERATURES AND CULTURES

Department of Modern Literatures and Cultures

Kathrin Bower, Chair

Professors Bonfiglio, Ravaux-Kirkpatrick, Terry

Associate Professors Bower, Howell, Kapanga, Troncale

Assistant Professors Pappas, Radi

Director of the Arabic Language Program Sulzer-Reichel

Director of the Chinese Language Program Tan

Director of the Intensive Language Program in French Baker

Director of German Language Program Bonfiglio

Director of the Italian Language Program Marcin

Director of the Japanese Language Program Suzuki

Director of the Multi-Media Language Laboratory Scinicariello

Introductory courses in literature, numbered 321-332, fulfill the Literary Studies field-of-study requirement in the general education curriculum.

Modern Literatures and Cultures Majors

French Major

French Major/International Business Option

(To be carried out in conjunction with a major in the Robins School of Business with an International Business concentration.)

German Studies Major

German Studies Major/International Business Option

(To be carried out in conjunction with a major in the Robins School of Business with an International Business concentration.)

Russian Studies Major

(Note the Spanish Major is available through the Department of Latin American and Iberian Studies)

Residency Requirement

For all majors, at least five of the nine courses must be taken on the University of Richmond campus in the language of the major. If the student participates in a study abroad program, at least one of these courses must be taken upon return from the program.

Combined Majors

Combined major in French and English Literature

Combined major in German and English Literature

Combined major in Russian and English Literature

See International Studies curriculum for the following MLC-related majors: African Studies, Asian Studies, Latin American Studies, Modern Europe and World Politics and Diplomacy.

Senior Portfolio Project (for the majors in French and Russian Studies)

The Portfolio Project provides an opportunity for synthesis and self-reflection and represents the range of interests and goals among students in the department's major programs. Students will structure their portfolios in accordance with the recommendations of the National Standards for Language Learning (Communication, Cultures, Connections, Comparisons, Communities). Upon declaring their major, students will receive a packet explaining the portfolio project and encouraging them to begin planning it well in advance with their major advisor. Students will submit the portfolio during the spring of the senior year.

Senior Research Project in German Studies

Please consult the German Studies major.

Study Abroad

Study and travel abroad are strongly encouraged for all students. The department offers summer study programs in China, France, Germany, Italy, Japan and Russia. In addition, there are exchange agreements for study during the academic year in France, Germany, Italy, Japan, Quebec and Russia; others are being negotiated. For a complete list, contact the Office of International Education.

The Modern Literatures and Cultures Minors

Chinese Minor

French Minor

German Studies Minor

Italian Studies Minor

Japanese Minor

Russian Studies Minor

For full course listings in Chinese, French, German, Italian, Japanese and Russian, see the individual program pages.

Courses in Arabic

Administration

Placement: A student who desires to continue study of a language begun elsewhere or spoken as a first language will be placed for continuation by the Department of Modern Literatures and Cultures. The determination of level may be by the score received on the AP, IB or SATII Test in a given language, by the evaluation of a required placement test or, in special cases, by interview. Students who meet the language communication skills requirement by placement may not take for credit 100- or 200-level courses in the same language.

Sequential Credit: Once the 100 or 200 level is begun, continuation, if any, must be to the next higher level within the sequence of courses. Students cannot receive credit toward the degree for 100- or 200-level sequential coursework which is taken after credit

has been earned in coursework more advanced in the sequence.

Medium of Instruction: All courses taught in the department are taught in the respective language with the exception of the courses listed in the Modern Literatures and Cultures category and designated courses in Russian.

Modern Literatures and Cultures (MLC)

All courses under Modern Literatures and Cultures are taught in English; they have no prerequisite, except as noted. MLC courses numbered 350 and above may be counted as elective credit toward a French, German Studies, Russian Studies or Spanish major if taken in conjunction with a Languages-Across-the-Curriculum (LAC) component (1 sem. hr.).

COURSES

MLC 256 Psychoanalysis, Literature and Culture

General introduction to use of psychoanalytic techniques to analyze literature and culture. Readings from Freud and post-Freudian theorists used to interpret variety of literary texts, as well as films, ads and other examples from popular culture. Offered in English with optional LAC component. *3 sem. hrs.* (FSLT)

MLC 313 French Literature in Translation

Introduction to French literature through analysis of major and representative texts. Not available as elective credit toward the French major or minor. *4 sem. hrs.* (FSLT)

MLC 321-322 Russian Literature in Translation

(See Russian 321-322.) *4-4 sem. hrs.* (FSLT)

MLC 331 Russian Cinema

General introduction to Russian cinema focusing on the significant portion of Russian cinema within the context of European and world cinemas. Will emphasize historical and theoretical contributions of Russian cinema and will trace development of cinema in Russia from Protazanov and Eisentein to Tarkovsky, Todorovsky, Mikhalkov and Sokurov. Different variants of course that would appear in alternate years will have variety of topical foci such as Russian and European cinema, World War II, ideology and art in film, Soviet social realism, literature and cinema, Shakespeare in Russian cinema, the auteur in Russian cinema, Russian female directors, the female image in Russian cinema, Stalin and Lenin in film, etc. (Same as Russian 331.) *4 sem. hrs.*

MLC 332 Russian Painting

Survey and analytical study of significant periods of Russian painting, focusing on interconnections between philosophy, literature, spirituality and ideology in Russian painting during various historical periods and developments in Russian culture and intellectual history. (Same as Russian 332.) *4 sem. hrs.* (FSHT)

MLC 350 Introductory Linguistics

General, historical and/or descriptive linguistics. *Prerequisite:* Completion of Communication Skills II-Language requirement. 3 sem. hrs.

MLC 351 Contemporary Literary Theory

Recent developments in critical theory, including post-structuralist, feminist and psychoanalytic perspectives. 3 sem. hrs.

MLC 360 Representing the Holocaust

Critical analyses of visual and textual representations of the Holocaust in an international context. The course raises questions about the limits and meaning of Holocaust representations as well as their ideological and moral implications. *Prerequisite:* Sophomore standing. 3 sem. hrs.

MLC 365 German Film in Context

Survey of German cinema from the 1920s to the present emphasizing the historical and cultural content in which the films were produced. *Prerequisite:* Sophomore standing. 3 sem. hrs.

MLC 388 Individual Internship

Students lead practice sections of elementary and intermediate language courses in French, German, Italian and Spanish. Internship credit does not count toward a major or minor in the department. *Prerequisite:* Audition/permission of department. 1-2 sem. hrs.

MLC 397 Selected Topics

Special interest topics offered at department's discretion. *Prerequisite:* Permission of department. 1-4 sem. hrs.

MLC 410 The Teaching of a Modern Second Language

Theory and practice of teaching modern second language, including English as second language, at the K-12 levels. Designed to enable teachers to meet state licensure requirements. *Prerequisites:* For MLC: Completion of Modern Literatures and Cultures minor or the equivalent, or permission of department. For Education Minors seeking licensure in Spanish that requires MLC 410: the completion of a Spanish minor, the equivalent, or permission of the Latin American and Iberian Studies Department. 4 sem. hrs.

MLC 495 Independent Study

Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. 1-4 sem. hrs.

MLC 497 Selected Topics

Experimental and special interest topics offered at department's discretion. Recent topics: Cultures in Translation; Constructions of Identity. 1-4 sem. hrs.

MLC 498-499 Senior Portfolio Project I-II

Production of a portfolio under the supervision of a faculty mentor. Required of all French and Russian Studies majors in the fall and spring of the senior year. Noncredit; graded on a pass/fail basis. *Prerequisite:* Senior status; declared French or Russian Studies major. 0-0 sem. hrs.

MUSIC**Department of Music**

Gene Anderson, Chair

Professors Anderson, Davison

Associate Professors Becker, Broening, Cable, Riehl

Assistant Professor Longobardi

Artist-in-Residence eighth blackbird

Director of Accompaniment Kong

Director of the Modlin Center for the Arts Panoff

Music Librarian Fairtile

Piano Technician Breakall

Over 30 adjunct music faculty members teach applied music lessons. Adjuncts are professional musicians including principals of the Richmond Symphony.

The Department of Music offers a major in Music with concentrations in Critical Studies, Performance and Theory/Composition.

Information for Prospective Majors: All prospective music majors must take a theory placement test at the beginning of their first semester of study. Those in the Performance Concentration must audition on voice or their primary instrument before beginning private lessons and pass a Continuation Exam in the form of an expanded jury after four semesters of applied study.

The Music Major

Note: A grade of C- (1.7) or better is required in all coursework comprising the Music Major.

Requirements: Forty-five semester hours of music courses, including completion of the core requirements AND those of the student's selected concentration:

Core Requirements for all concentrations:

- Piano proficiency (by examination) or successful completion of MUS 155* or MUS 161*
- Music theory proficiency (by examination) or successful completion of MUS 108*
- Aural skills proficiency (by examination) or successful completion of MUS 109*
- MUS 095 Repertoire Class, 0 (satisfied by successfully completing MUS 095 each semester a student is a major)
- MUS 301 Music Research Methods, 1 hour
- MUS 401-402 Final Project/Thesis/Recital, 1-1 hour

(*credits do not count toward major)

Music Theory

- MUS 110 Tonal Harmony I: Common Practice Period, 4 hours
- MUS 211 Tonal Harmony II: Chromaticism, 4 hours
- MUS 212 Analytical Approaches to Contemporary Music, 4 hours

Critical Studies

- MUS 227 Critical Studies in Music History I, 4 hours
- MUS 228 Critical Studies in Music History II, 4 hours
- MUS 229 Critical Studies in Ethnomusicology, 4 hours

Performance

- Applied Music Study (2 semesters)
- Category A ensembles (2 semesters)
- Category B ensembles (2 semesters)

In addition to the core requirements above, following are specific requirements for each concentration:

Critical Studies Concentration

Core requirements plus 12 semester hours of electives from the Critical Studies category above the 200 level selected in consultation with and approved by the Critical Studies faculty, six semester hours of which may be taken in 300-level courses outside the department with faculty permission.

Music Theory/Composition Concentration

Core requirements plus

- MUS 306 Introduction to Composition, 2 hours
- MUS 307 Composition Lessons, 1 hour

AND three courses selected from the following:

- MUS 213 Computer Music, 3 hours
- MUS 308 Tonal Counterpoint, 3 hours
- MUS 309 Orchestration, 3 hours
- MUS 311 Form and Analysis, 3 hours
- MUS 313 Advanced Computer Music, 3 hours
- MUS 413 Special Topics in Computer Music, 3 hours

Performance Concentration (Classical and Jazz Studies)

Core requirements plus

- Four semesters of applied study (beyond the Core requirement)
- Two semesters of Category B ensembles (beyond the Core requirement)
- Six semester hours of electives at or above the 200 level selected in consultation with and approved by the Performance faculty; at least one course of which will be from the Performance or Jazz Studies categories.

The Music Minor

Note: A grade of C- (1.7) or better is required in all coursework comprising of the Music minor.

Requirements: Twenty-one hours of music courses including:

Seven hours in Music Theory:

- MUS 110 Tonal Harmony I: Common Practice Period, 4 hours
- Additional course in Theory/Technology, 3-4 hours

Seven hours in Critical Studies:

- MUS 227-228 Critical Studies in Music I & II; OR another 200-level course or above in Critical Studies in place of 227 or 228, 3-4 hours
- Two semesters of applied study, 2 hours
- Two semesters of Category B ensemble participation, 2 hours
- Three hours of electives at the 200 level or above, excluding ensembles, applied courses, MUS 155 or MUS 388

Related Concentrations

Interdisciplinary Concentration in Arts Technology for Studio Art, Music and Theatre Majors

Interdisciplinary Concentration in Arts Management for Studio Art, Art History, Music, Theatre and Dance Majors or Minors

CURRICULUM

MUS 095 Repertoire Class, 0

Applied Music Courses (MSAP) 0, 1 credit per semester

Music Ensembles (MSEN), 1 credit per semester

Category A

- MSEN 195 Jazz Combo
- MSEN 197 Woodwind Ensemble
- MSEN 198 Brass Ensemble
- MSEN 199 Percussion Ensemble
- MSEN 200 String Ensemble
- MSEN 201 Chamber Music
- MSEN 202 Guitar Ensemble

Category B

- MSEN 191 University Orchestra
- MSEN 192 Jazz Ensemble
- MSEN 193 University Wind Ensemble
- MSEN 194 University Choir
- MSEN 196 Schola Cantorum

Note: Completion of three semester hours in MSEN 191, 192, 193, 194, 196, or 201 taken in Fall 2003 or later fulfills the FSVP requirement. (All three hours must be in the same ensemble)

Music In Popular Culture Courses

- MUS 112 Topics in Music Literature, 3 hours
 MUS 115 The Jazz Tradition, 3 hours
 MUS 117 Salsa Meets Jazz, 3 hours
 MUS 118 The Life and Music of Duke Ellington, 3 hours
 MUS 119 Broadway Musical Theatre, 3 hours
 MUS 120 The Music and Poetry of Jazz, 3 hours
 MUS 121 Music In Film, 3 hours
 MUS 122 America's Music, 3 hours
 MUS 123 Meaning and Music, 3 hours
 MUS 126 Side by Side with Sondheim, 3 hours
 MUS 209 Music and Society, 3 hours
 MUS 233 Creating Original Opera, 3 hours

Critical Studies Courses

- MUS 112 Topics in Music Literature, 3 hours
 MUS 116 The Music Scene, 3 hours
 MUS 203 Global Hip Hop, 3 hours
 MUS 204 Choral Music and Creed, 3 hours
 MUS 227 Critical Studies in Music History I, 4 hours
 MUS 228 Critical Studies in Music History II, 4 hours
 MUS 229 Critical Studies in Ethnomusicology, 4 hours
 MUS 230 Music and Culture: Introduction to World Music, 3 hours
 MUS 330 An Era of Spectacle: Music and Art in the Baroque Period, 3 hours
 MUS 338 Special Topics in Music History, 3 hours
 MUS 339 Passion and Pleasure: Study of Secular Voice Music, 1600 to Present, 3 hours
 MUS 342 Musical Ethnography, 4 hours
 MUS 343 The Mass from Plainchant to Pärt, 3 hours
 MUS 344 Opera Studies, 4 hours

Music Theory Courses

- MUS 107 Music Fundamentals, 3 hours
 MUS 108 Elementary Music Theory, 3 hours
 MUS 109 Elementary Musicianship, 2 hours
 MUS 110 Tonal Harmony I: Common Practice Period, 4 hours
 MUS 155 Keyboard Skills, 1 hour
 MUS 211 Tonal Harmony II: Chromaticism, 4 hours
 MUS 212 Analytic Approaches to Contemporary Music, 4 hours
 MUS 306 Introduction to Composition, 2 hours
 MUS 307 Composition, 1 hour
 MUS 308 Tonal Counterpoint, 3 hours
 MUS 309 Orchestration, 3 hours
 MUS 311 Form and Analysis, 3 hours
 MUS 338 Special Topics, 3 hours

Music Technology Courses

- MUS 213 Computer Music, 3 hours
 MUS 313 Advanced Computer Music, 3 hours
 MUS 413 Special Topics in Computer Music, 3 hours

Arts Management Courses

- MUS 310 Managing Performing Arts Organizations, 3 hours
 MUS 345 Philanthropy in the Arts, 3 hours

Music Education Courses

- MUS 305 Introduction to Music Education, 3 hours
 MUS 338 Special Topics, 3 hours

Project and Independent Study Courses

- MUS 301 Music Research Methods, 1 hour
 MUS 388 Individual Internship, 1 hour
 MUS 395 Independent Study, 1-3 hours
 MUS 401 Final Project/Thesis/Recital, 1 hour

Performance Study Courses

- MUS 130 Class Guitar, 1 hour
 MUS 131 Class Piano, 1 hour
 MUS 205 English and Italian Diction for Singers and Accompanists, 2 hours
 MUS 206 German and French Diction for Singers and Accompanists, 2 hours
 MUS 207 Musical Theatre and Opera Scene Workshop, 2 hours
 MUS 231 Conducting Fundamentals, 3 hours
 MUS 232 Conducting Techniques, 3 hours
 MUS 350 Student Recital, 1 hour

Jazz Studies Courses

- MUS 214 Jazz Arranging, 3 hours
 MUS 215 Jazz Theory and Harmony, 3 hours
 MUS 216 Jazz Performance and Analysis, 3 hours

COURSES**MUS 095 Repertoire Class**

Attendance and performance at weekly repertoire class. May be repeated. Graded Satisfactory/Unsatisfactory. *Prerequisite:* Music major. 0 sem. hrs.

MUS 107 Music Fundamentals

For students with little or no previous training in theory or piano. Practical understanding of intervals, scales, keys, chord structures and rhythm, using keyboard and sight-singing as vehicles of instruction. Does not count toward music major degree. 3 sem. hrs. (FSVP)

MUS 108 Elementary Music Theory

Basic music writing skills for majors and minors. Introduction to computerized notation (*Finale*), music literature and principles of voice-leading by means of species counterpoint. May be satisfied by local examination. 3 sem. hrs.

MUS 109 Elementary Musicianship

Proficiency-based study of sight-singing, ear-training, rhythm-reading and other essential musicianship skills for music majors and minors. May be satisfied by local examination. *2 sem. hrs.*

MUS 110 Tonal Harmony I: Common Practice Period

Entry-level music theory course. Study and application of harmonic practice in Western music of 17th and 18th centuries by means of original compositions and analysis of selected literature. Continuation of musicianship exercises from Music 109. *Prerequisites:* Music 108-109 or permission of instructor. *4 sem. hrs.*

MUS 112 Topics in Music Literature

Special topics for general study. May be repeated for credit when topics vary. *3 sem. hrs.*

MUS 115 The Jazz Tradition

For general student. Survey of cultural history of jazz; of jazz styles from 1917 to present; and of evolution of jazz from African music, music of slavery, ragtime and blues. Includes concert attendance and performance project. *3 sem. hrs. (FSVP)*

MUS 116 Music Scenes

Sections are designed each semester around on- and off-campus concerts. Students consider historical, social and cultural issues particular to each concert and interact with visiting artists and University of Richmond's ensemble in residence, eighth blackbird. *3 sem. hrs. (FSVP)*

MUS 117 Salsa Meets Jazz

For general student. Traces influx of Latin-American music into North American jazz. Connects music and dances of Cuba, Puerto Rico, Argentina and Brazil to their subsequent synthesis in jazz. *3 sem. hrs. (FSVP)*

MUS 118 The Life and Music of Duke Ellington

For general student. Musician and bandleader Edward Kennedy Ellington was one of the most prolific American composers of the 20th century. Examines his life and considers aspects of his unique contribution to jazz history. *3 sem. hrs. (FSVP)*

MUS 119 Broadway Musical Theatre

(See Theatre Arts 119.) *3 sem. hrs. (FSVP)*

MUS 120 The Music and Poetry of Jazz

For general student. Exploration of form, rhythm, and sound of jazz and its impact upon poets who respond to jazz in all its musical and cultural overtones. Music includes range of jazz: from early blues to free jazz and experimental music. *3 sem. hrs. (FSVP)*

MUS 121 Music in Film

For general student. Study of interaction of music and visual image in Hollywood film; emphasis on nature of

musical meaning, music and association, and music as a cultural code. *3 sem. hrs. (FSVP)*

MUS 122 America's Music

Typically-based survey of America's music from that of Native Americans and European colonists to the diversity of the contemporary music scene. *3 sem. hrs. (FSVP)*

MUS 123 Meaning and Music

For general student. Explores aspects of meaning as it pertains to the musical arts. Considers such issues of emotion and music, expectations of the listener, music and representation, and composer/performer intentions. *3 sem. hrs. (FSVP)*

MUS 126 Side by Side with Sondheim

For general student. Focuses on Broadway musicals of Stephen Sondheim. Provides basic background in music theory and listening skills and culminates with performances of scenes from Sondheim's works by class members. *3 sem. hrs. (FSVP)*

MUS 130 Class Guitar

Introduction to guitar through folk music. *1 sem. hr.*

MUS 131 Class Piano

For beginning piano student. Introduction to elements of music via the keyboard. *1 sem. hr.*

MUS 155 Keyboard Skills

Development of keyboard proficiency, including reading, interpretive skills, harmonization and technique. May be repeated until proficiency is reached. Class twice weekly. *1 sem. hr.*

MUS 203 Global Hip Hop

Uses the music of hip hop as a foundation upon which we will ask the theoretical and historical questions regarding the political, social and sonic dimensions of global popular culture. *3 sem. hrs.*

MUS 204 Choral Music and Creed

Major religious and cultural trends in the history of the West approached through selected choral masterworks by considering the sources and cultural functions of the texts, the philosophical outlook of the composer, and the ways the available musical resources of the period were used. (Same as Religion 204.) *3 sem. hrs. (FSVP)*

MUS 205 English and Italian Diction for Singers and Accompanists

Study of the International Phonetic Alphabet (IPA) with application to the English and Italian languages. Preparation and performance of works in each language using IPA. *Prerequisite:* Current enrollment in applied study in voice or piano. *2 sem. hrs.*

MUS 206 German and French Diction for Singers and Accompanists

Study of the International Phonetic Alphabet (IPA) with application to the German and French languages. Preparation and performance of works in each language using IPA. *Prerequisite:* Current enrollment in applied study in voice or piano. 2 sem. hrs.

MUS 207 Musical Theatre and Opera Scene Workshop

Study of stage techniques for the singer applied to various scenes from operatic and musical theater repertoire resulting in staged performance by class members. May be repeated for credit. *Prerequisite:* Current enrollment in applied voice instruction or permission of instructor. 2 sem. hrs.

MUS 209 Music and Society

Explores effects of social, economic and political structures on composition, performance and listening of music. Topics include autonomous music and aesthetic ideology, the role of the composer in several historical periods, and new modes of listening developed in response to electronic dissemination of music. *Prerequisites:* Any 100-level music course or experience in music ensemble or permission of instructor. 4 sem. hrs.

MUS 211 Tonal Harmony II: Chromaticism

Continuation of MUS 110. Study and application of harmonic practice in Western music of the 18th and 19th centuries by means of original compositions and analysis of selected literature. Continuation of musicianship exercises from Music 109. *Prerequisite:* Music 110. 4 sem. hrs.

MUS 212 Analytic Approaches to Contemporary Music

Study and application of harmonic practice in Western music of the 20th and 21st centuries by means of original compositions and analysis of selected literature. Continuation of musicianship exercises from Music 211. *Prerequisite:* Music 211. 4 sem. hrs.

MUS 213 Computer Music

Study of techniques and aesthetics of computer-generated music with extensive laboratory experience in Music Technology Lab. Emphasis on MIDI technology and application. 3 sem. hrs.

MUS 214 Jazz Arranging

Comprehensive study of evolution of jazz arranging and composition from 1920s to present. Score analysis of representative works by Sammy Nestico, Thad Jones, Bob Brookmeyer and others. Extensive listening. Students will arrange for small and large jazz ensembles. *Prerequisite:* Music 110. 3 sem. hrs.

MUS 215 Jazz Theory and Harmony

Development of theoretical and harmonic skills which bridge tonal and chromatic approaches. Students will work to develop ability to assess and modify harmonic schemes with the goal of systematic growth and increased individuality in their jazz compositions. Extensive listening. *Prerequisite:* Music 110. 3 sem. hrs.

MUS 216 Jazz Performance and Analysis

Performance and analysis of original jazz works and transcriptions. Discussion, demonstration and performance of advanced jazz improvisational techniques. Transcribe and study transcriptions of jazz masters and engage in critical analysis of great printed and recorded improvised jazz solos. *Prerequisites:* Music 110 and permission of instructor. 3 sem. hrs.

MUS 227 Critical Studies in Music History I

First in a series of three courses devoted to exploration of significant topics, issues, methodologies and theories applicable to historical and ethnographic music studies. Taught principally through examination of the core repertoire of Western art music. *Prerequisites:* Music 108-109. 4 sem. hrs.

MUS 228 Critical Studies in Music History II

Second in series of three courses devoted to exploration of significant topics, issues, methodologies and theories applicable to historical and ethnographic music studies. Taught principally through the examination of the core repertoire of Western art music. *Prerequisite:* Music 227. 4 sem. hrs.

MUS 229 Critical Studies of Ethnomusicology

Third in series of courses devoted to the exploration of significant topics and issues, methodologies and theories applicable to historical and ethnographic music studies. Taught through examination of a broad cross selection of musical styles, genres and traditions. *Prerequisite:* Music 228. 4 sem. hrs.

MUS 230 Music in Culture: Introduction to World Music

Introduction to ethnomusicology and the study of music as a human activity. Will explore ways different people create music, communicate about music, consume and transmit music, and use music to create meaning. Topics may include traditional (folk), popular and cultivated music around the world, including North America. Includes participation in and observation of music events. 3 sem. hrs. (FSVP)

MUS 231 Conducting Fundamentals

Essentials of instrumental and choral conducting. Rehearsal techniques and practical experience in directing musical groups. *Prerequisites:* Music 108 and 109. 3 sem. hrs.

MUS 232 Conducting Techniques

Study and practical application of advanced conducting techniques such as score study and analysis, choral and instrumental rehearsal procedures and recitative and performance practice issues. *Prerequisite:* Music 231. *3 sem. hrs.*

MUS 233 Creating Original Opera

A forum in which students of varied interests and majors come together to produce an original opera in partnership with the Metropolitan Opera. Students will apply for one of 12 jobs that parallel the division of labor in a real opera company- production manager, stage manager, historian, carpenter, electrician, set designer, costume designer, make-up artist, librettist, composer, performer or public relations - and will work together to create a signed integrated production. *3 sem. hrs.* (FSVP)

MUS 301 Music Research Methods

Hands-on examination of research process as it applies to music, including the identification, evaluation and use of information sources. Introduction to research methodologies appropriate to advanced study of music and its contexts. *Prerequisite:* Junior music major. *1 sem. hr.*

MUS 305 Introduction to Music Education

Basic principles, purposes and philosophies of music education. Overview of each level (elementary, middle school, senior high) including directed observations. Participation in weekly seminars, reviewing current music education methods and materials. *Prerequisite:* Music 108-109. *3 sem. hrs.*

MUS 306 Introduction to Composition

Introduction of materials and techniques of acoustic composition through readings, listening assignments, composition exercises and performances. *Prerequisite:* Music 110 or permission of instructor. *2 sem. hrs.*

MUS 307 Composition

Directed projects in various styles for traditional and/or electronic media. May be repeated for credit. *Prerequisite:* Music 306 or permission of instructor. *1 sem. hr.*

MUS 308 Tonal Counterpoint

Study and application of tonal counterpoint. Written musical exercises include original compositions and written commentary on excerpts from tonal literature. *Prerequisite:* Music 110 or permission of instructor. *3 sem. hrs.*

MUS 309 Orchestration

Study of orchestration, instrumentation and arranging for classical and contemporary groups. *Prerequisite:* Music 211 or permission of instructor. *3 sem. hrs.*

MUS 310 Managing Performing Arts Organizations

Review of topics essential for successful management of performing arts organizations. Includes organizational structure, budget development and management, strategic planning, marketing, audience development, box-office management, and related topics. (Same as Theatre 310.) *Prerequisite:* Major or minor in Music, Theatre, Dance or permission of instructor. *3 sem. hrs.*

MUS 311 Form and Analysis

Study of principles of organization in music with emphasis on European music since the Renaissance. Reading and analysis of scores exemplifying various musical forms. *Prerequisite:* Music 211 or permission of instructor. *3 sem. hrs.*

MUS 313 Advanced Computer Music

Continuation of Music 213. Exploration of audio computer systems, including digital recording and mixing devices. Creation and transcription of music for computer-controlled performance. *Prerequisite:* Music 213 or permission of instructor. *3 sem. hrs.*

MUS 330 An Era of Spectacle: Music and Art in the Baroque Period

Explores music and art of the Baroque period. Also looks at aspects of the role of artist/musician as well as the role of art and music in Baroque society. *3 sem. hrs.*

MUS 338 Special Topics in Music History

Theory or Music Education. Selected topics such as musical genre, works of a specific composer, or methods of teaching and learning music. May be repeated for credit when topics vary. *Prerequisite:* Music 227 or 228 or permission of instructor. *Prerequisites:* Music 109 and 227 or 228 or permission of instructor. *3 sem. hrs.*

MUS 338 Special Topics in Music History, Theory or Music Education

Selected topics such as musical genre, works of specific composers, or techniques of teaching and learning music. May be repeated for credit when topics vary. *Prerequisites:* Music 109 and 227 or 228 or permission of instructor. *3 sem. hrs.*

MUS 339 Passion and Pleasure: Study of Secular Vocal Music, 1600 to present

Study of use of text in popular secular vocal music, beginning in 1600 and ending with the popular music of our time. Areas of concentration include solo song, solo cantata, opera, blues, funk and rock. *Prerequisite:* Music 227 or 228 or permission of instructor. *3 sem. hrs.*

MUS 342 Musical Ethnography: Politics and Practices

Intended for Music and Anthropology students who have an interest in developing a critical understanding of the ethnographic process as it relates to the study of musical performance. *Prerequisites:* Music 108-109 or Anthropology 101. *4 sem. hrs.*

MUS 343 The Mass from Plainchant to Pärt

Study of representative musical settings of the Mass from middle ages to present day; emphasis on tensions between artistic expression and liturgical function. *Prerequisite:* Music 227 or 228 or permission of instructor. 3 sem. hrs.

MUS 344 Opera Studies

Explores significant topics and issues in the study of opera through variety of approaches and methodologies; opera's connections to other disciplines, histories and contexts will be emphasized. *Prerequisite:* Music 108 or 109. 4 sem. hrs.

MUS 345 Philanthropy in the Arts

Survey of strategies, tools and techniques involved in generating contributed income for arts organizations from private individuals, foundations, corporations, business and government agencies. Central issues include underlying psychological and practical bases of fundraising in the arts and exposure to research and methods involved in developing donor prospects. Fundraising techniques, including direct mail, telemarketing, grant writing, personal appeals, major gift solicitation, special events, capital campaigns, endowment campaigns, sponsorships and planned giving. (Same as Art 345 and Theatre 345.) *Prerequisite:* Music 310, Art 322, or permission of instructor. 3 sem. hrs.

MUS 350 Student Recital

Preparation and performance of a solo recital by students in applied study or composition. *Prerequisite:* Current enrollment in applied study or composition or permission of instructor. 1 sem. hr.

MUS 388 Individual Internship

Prerequisite: Permission of department. 1-3 sem. hrs.

MUS 395 Independent Study

Prerequisite: Departmental Approval. 3 sem. hrs.

MUS 401-402 Final Project/Thesis/Recital

Capstone course. Projects or presentations chosen from student's area of concentration and supervised by a faculty mentor. Cannot be taken simultaneously with MUS 350 except with permission of faculty. *Prerequisite:* MUS 301 and Senior music major. 1-1 sem. hrs.

MUS 413 Special Topics in Computer Music

Special topics in computer music such as interactive computer music and computer music programming with emphasis on using technology to realize compositional objectives. May be repeated for credit when topics vary. *Prerequisite:* Music 213 or permission of instructor. 3 sem. hrs.

Individual Instruction Courses (MSAP)

Note: Individual instruction courses require an additional fee per course, **nonmajors only**. Fee for 2006-2007 is \$425.00.

Prerequisite for Applied Courses: Placement at the discretion of department.

Offered without credit. May be repeated.

- MSAP 060 Voice, 0 sem. hrs.
- MSAP 061 Piano, 0 sem. hrs.
- MSAP 062 Organ, 0 sem. hrs.
- MSAP 063 Guitar, 0 sem. hrs.
- MSAP 064 Flute, 0 sem. hrs.
- MSAP 065 Oboe, 0 sem. hrs.
- MSAP 066 Clarinet, 0 sem. hrs.
- MSAP 067 Saxophone, 0 sem. hrs.
- MSAP 068 Bassoon, 0 sem. hrs.
- MSAP 069 French Horn, 0 sem. hrs.
- MSAP 070 Trumpet, 0 sem. hrs.
- MSAP 071 Trombone/Baritone, 0 sem. hrs.
- MSAP 072 Tuba, 0 sem. hrs.
- MSAP 073 Percussion, 0 sem. hrs.
- MSAP 074 Violin, 0 sem. hrs.
- MSAP 075 Viola, 0 sem. hrs.
- MSAP 076 Cello, 0 sem. hrs.
- MSAP 077 String Bass/Electric Bass, 0 sem. hrs.
- MSAP 078 Harp, 0 sem. hrs.
- MSAP 079 Banjo, 0 sem. hrs.
- MSAP 080 Mandolin, 0 sem. hrs.
- MSAP 081 Harpsichord, 0 sem. hrs.
- MSAP 082 Miscellaneous Instruments, 0 sem. hrs.

Offered for one credit. May be repeated for credit.

- MSAP 160 Voice, 1 sem. hr.
- MSAP 161 Piano, 1 sem. hr.
- MSAP 162 Organ, 1 sem. hr.
- MSAP 163 Guitar, 1 sem. hr.
- MSAP 164 Flute, 1 sem. hr.
- MSAP 165 Oboe, 1 sem. hr.
- MSAP 166 Clarinet, 1 sem. hr.
- MSAP 167 Saxophone, 1 sem. hr.
- MSAP 168 Bassoon, 1 sem. hr.
- MSAP 169 French Horn, 1 sem. hr.
- MSAP 170 Trumpet, 1 sem. hr.
- MSAP 171 Trombone/Baritone, 1 sem. hr.
- MSAP 172 Tuba, 1 sem. hr.
- MSAP 173 Percussion, 1 sem. hr.
- MSAP 174 Violin, 1 sem. hr.
- MSAP 175 Viola, 1 sem. hr.
- MSAP 176 Cello, 1 sem. hr.
- MSAP 177 String Bass/Electric Bass, 1 sem. hr.
- MSAP 178 Harp, 1 sem. hr.
- MSAP 179 Banjo, 1 sem. hr.
(*Effective: Spring 2005.*)
- MSAP 180 Mandolin, 1 sem. hr.
(*Effective: Spring 2005.*)

- MSAP 181 Harpsichord, 1 sem. hr.
(*Effective: Spring 2005.*)
- MSAP 182 Miscellaneous Instruments, 1 sem. hr.
(*Effective: Spring 2005.*)

Large Performing Ensembles (MSEN)

Prerequisite for All Ensembles: Audition with ensemble's director. Auditions are open to all students.

MSEN 191 University Orchestra

Study and performance of works for symphony orchestra. One three-hour rehearsal weekly, plus additional sectionals. Regular performances on and off campus. May be repeated. *1 sem. hr.* (FSVP-must take same course for three semester hours before FSVP credit is awarded.)

MSEN 192 Jazz Ensemble

Study and performance of Big Band repertoire from swing era to present. Two 1 1/2-half hour rehearsals weekly, with two or more concerts each year. May be repeated. *1 sem. hr.* (FSVP-must take same course for three semester hours before FSVP credit awarded.)

MSEN 193 University Band

Study and performance of wind band literature. Wind Ensemble of 50-60 members and Pep Band of selected players. Two on-campus concerts and a brief tour by the Wind Ensemble and performances at home football and basketball games by Pep Band. Two 1 1/2-half hour rehearsals weekly. May be repeated. *1 sem. hr.* (FSVP-must take same course for three semester hours before FSVP credit awarded.)

MSEN 194 University Choir

Mixed chorus. Study and perform a cappella and accompanied choral literature appropriate to the group from variety of style periods and origins. Regular performances on and off campus; biannual tour. May be repeated. *1 sem. hr.* (FSVP-must take same course for three semester hours before FSVP credit awarded.)

Small Performing Ensembles (MSEN)

MSEN 195 Jazz Combo

Small jazz ensemble. Regular performances on and off campus. May be repeated. *Prerequisite:* Permission of instructor. *1 sem. hr.*

MSEN 196 Schola Cantorum

Small mixed chorus; study and perform choral literature appropriate to the group from variety of style periods and origins; emphasis on a cappella repertoire. Regular performances on and off campus; biannual tour. May be repeated. *Prerequisite:* Permission of instructor. *1 sem. hr.* (FSVP-must take same course for three semester hours before FSVP credit is awarded.)

MSEN 197 Woodwind Ensemble

Study and performance of woodwind trio, quartet, quintet or woodwind choir literature. Two rehearsals weekly. May be repeated. *1 sem. hr.*

MSEN 198 Brass Ensemble

Study and performance of brass trio, quartet, quintet, or brass choir literature. Two rehearsals weekly. May be repeated. *1 sem. hr.*

MSEN 199 Percussion Ensemble

Study and performance of percussion literature. May be repeated. *1 sem. hr.*

MSEN 200 String Ensemble

Study and performance of string ensemble literature. May be repeated. *1 sem. hr.*

MSEN 201 Chamber Music

Study and performance of chamber music. Coaching by various members of the Department of Music. May be repeated. *1 sem. hr.* (FSVP-must take same course for three semester hours before FSVP credit awarded.)

MSEN 202 Guitar Ensemble

Study and performance of guitar ensemble literature. May be repeated. *1 sem. hr.*

MSEN 203 Brazilian Music Ensemble

Small mixed ensemble dedicated to performing a variety of Brazilian music styles. Instruction given on Brazilian percussion and string instruments. Songs sung in Portuguese. Regular performances both on and off campus. *1 sem. hr.*

PHILOSOPHY

Department of Philosophy

Nancy Schaubert, Chair
Professors McWhorter, Shapiro
Associate Professor Goddu, McCormick, Schaubert

Note: All 200 level courses are open to first-year students. All 300 level courses presume some previous exposure to philosophy or a related area of study. Each course offered for four semester hours involves a significantly enhanced component of research, primary reading, written work and/or oral presentations.

The Philosophy Major

Note: No more than one grade below C (2.0) will be counted toward the major.

1. Thirty semester hours in the Philosophy Department, composed of:
 - Philosophy 251 Symbolic Logic
 - Philosophy 271 Ancient Greek Philosophy
 - Philosophy 272 Modern Western Philosophy
 - Philosophy 343 or 344 Twentieth-Century Analytic or Continental Philosophy

- Philosophy 353 Philosophical Methods: Majors'/Minors' Seminar
 - One 300-level course in value theory and its applications, such as: Philosophy 360 Ethics or Philosophy 364 Philosophy of Law, or another specific course such as may be approved by the department from year to year;
 - Sufficient two, three or four-hour approved elective philosophy courses to total 10 semester hours (at least 3 hours of which must be at the 300 level).
2. Sufficient, two, three or four-hour approved courses in related fields to total 12 semester hours.

The Philosophy Minor

Note: A grade of not less than C- (1.7) is required in each course comprising the minor.

Fifteen semester hours in the philosophy department, composed of:

- Philosophy 271 Ancient Greek Philosophy
- Philosophy 272 Modern Western Philosophy; and
- Sufficient two, three or four-hr. approved philosophy elective courses to total nine semester hours (at least 3 hours of which must be at the 300 level).

COURSES

PHIL 200 Introduction to Philosophical Problems and Arguments

Introduction to philosophy as a working discipline, with emphasis on analysis of problems and proposed solutions. Sample topics: Is there a thing that can be called the self? What is the meaning of life? What is the relationship between knowledge and opinion? Can individuals be held responsible for their actions? *3 sem. hrs.*

PHIL 220 Contemporary Moral Issues

Philosophical introduction to the application of moral reasoning. Aims to clarify, organize and sharpen our ideas about moral concerns of everyday life, and to examine and critique prominent moral theories. Topics may include abortion, euthanasia, capital punishment, animal rights. *3 sem. hrs.*

PHIL 221 Feminist Political Theories

Provides students with background in major political theories that feminists have employed and developed over the past 200 years. These include classical liberalism, Marxism and various forms of socialism, and some existentialist, post-structuralist, and post-colonial theoretical work. Students will study these feminist theoretical frameworks in depth and also will consider serious criticisms of them. (Same as Women, Gender and Sexuality Studies 221.) *3 sem. hrs.*

PHIL 250 Topics Seminar: Historical

Selected topics in philosophy arranged historically. Recent topics: Kant, Critical Theory, Freud, Bertrand Russell's Radical Essays. May be repeated for credit when topic differs. *2-4 sem. hrs.*

PHIL 251 Elementary Symbolic Logic

Introduction to modern logic beginning with truth-functions and covering formal proofs (propositional and predicate) to the level of multiply-general and relational statements. No mathematical applications. Recommended for pre-law and pre-computer studies. *3 sem. hrs. (FSSR)*

PHIL 260 Philosophical Problems in Law and Society

Examination of purpose and justification for legal limits on individual liberty, with special attention to problems of liability and punishment. *3 sem. hrs.*

PHIL 271 Ancient Greek Philosophy

Introduction to ancient Western philosophy, with emphasis on Plato and Aristotle. Discussion of both the development of philosophical thought and topics such as: What is knowledge? Why should I be moral? What is the good life? Readings drawn from primary texts. *3 sem. hrs. (FSHT)*

PHIL 272 Modern Western Philosophy

Study of development of modern philosophy from Descartes to Kant. Readings from Descartes, Hume, and Kant; some attention may be given to other modern philosophers such as Leibniz, Spinoza, Locke and Berkeley. Readings drawn from primary texts. *3 sem. hrs. (FSHT)*

PHIL 275 Marx, Nietzsche and Freud

Study of three major thinkers of the European tradition, in the context of the cultural history of the 19th and 20th centuries. Their theories of history, psychology and culture will be analyzed, and their conceptions of ethical and political possibilities will be critically compared. Readings from their major texts will be included. *3 sem. hrs.*

PHIL 280 Topics Seminar: Issues

Selected topics in philosophy arranged by issues. Recent topics: The Emotions; Science, Pseudoscience and the Paranormal; Intermediate Logic; Ethics, Human and Nonhuman. May be repeated for credit when topic differs. *2-4 sem. hrs.*

PHIL 281 Philosophy of Art

Poses and considers the question "What is art?" Explores issues concerned with the creation of, interpretation of and social response to art. Examples are drawn from a variety of arts (e.g., literature, architecture, painting); readings from major philosophers of art, traditional and recent. *3 sem. hrs.*

PHIL 299 Philosophy of Science

General introduction to philosophy of science. Topics may include distinguishing science from nonscience; the structure of scientific theories and explanations; the nature of scientific activity; and the relationship(s) of science with values, culture and society. *3 sem. hrs.*

PHIL 336 Nineteenth-Century European Philosophy

Examination of movements and individuals; emphasis on Kierkegaard's and Marx's response to Hegel. Previous work in philosophy or good background in history and/or literature is presumed. *3 sem. hrs.*

PHIL 337 Social and Political Philosophy

Examination of major theories in social and political philosophy, historical and current. *3 sem. hrs.*

PHIL 339 Existentialism

Systematic study of conditions of human experience to develop and justify descriptive categories for understanding of persons and their world. Readings from Kierkegaard, Nietzsche, Heidegger and Sartre. *3 sem. hrs.*

PHIL 343 Twentieth-Century Analytic Philosophy

Critical examination of 20th-century topics and thinkers in the analytic tradition. *4 sem. hrs.*

PHIL 344 Twentieth-Century Continental Philosophy

Critical examination of 20th-century topics and thinkers in the French and German traditions. *Prerequisite:* Philosophy 272. *4 sem. hrs.*

PHIL 350 Topics Seminar: Historical

Selected topics in philosophy arranged historically. Recent topics: Kant, Critical Theory, Freud, Bertrand Russell's Radical Essays. May be repeated for credit when topic differs. *2-4 sem. hrs.*

PHIL 353 Philosophical Methods: Majors'/Minors' Seminar

Reading, writing, critiquing, presenting and defending philosophical essays. Techniques of analysis and interpretation. Required for majors; open to minors. Usually taken during junior year. *Prerequisite:* Permission of department. *4 sem. hrs.*

PHIL 357 Nietzsche

Devoted to analysis and understanding of some of the main philosophical themes and writing of Friedrich Nietzsche (1844-1900), such as: critique of Western morality and religion; affirmation of creativity and life of this world; eternal recurrence of all things, and diagnosis of modern nihilism and suggestions as to how it might be overcome. Close reading of a number of texts by Nietzsche. Lecture/discussion format. *3 sem. hrs.*

PHIL 358 Topics in Feminist Philosophy

Examination of recent and contemporary feminist theory. (Same as Women, Gender and Sexuality Studies 399 and Political Science 379.) *2-4 sem. hrs.*

PHIL 359 Thinking and Seeing: Philosophy and the Visual Arts

Devoted to exploring some questions having to do with the meaning and significance of the visual arts. Among topics of the course are relation between words and visual images; use of art as a way of learning about ourselves and the world; phenomenology of visual experience; and criteria for interpreting the meaning of art works. Theorists include G.E. Lessing and representative thinkers from such recent tendencies as phenomenology, existentialism, deconstruction and psychoanalysis. *3 sem. hrs.*

PHIL 360 Ethics

Critical examination of main types of ethical theory. Discussion of current topics and controversies, as well as fundamental questions about the object of morality and the objectivity and justification of moral evaluations. *3 sem. hrs.*

PHIL 362 Philosophy of Religion

Is there such a thing as religious knowledge? Can a rational individual believe in God(s)? Alternative conceptions of use and meaning of theological language (description, ritual, belief formation, moral persuasion). Transcendence. Mysticism and logic. *Prerequisite:* One previous philosophy course or, for religion majors, permission of department. *3 sem. hrs.*

PHIL 363 Power and Politics

Examination and appraisal of classical liberal political philosophies—particularly their treatment of consent, rebellion, and political change—in light of 20th-century civil rights movements. Theorists studied include John Locke and various American revolutionaries such as James Madison. Movements studied are the Montgomery Bus Boycott of 1955-56, the Birmingham desegregation movement of 1963, and the gay and lesbian movement of the 1990s. Studies will evaluate liberalism as both a descriptive and prescriptive theory. Lecture/discussion format. (Same as Political Science 379.) *3 sem. hrs.*

PHIL 364 Philosophy of Law

Alternative ways of conceiving of law. Such legal concepts as right and strict liability. Such problems as nature of judicial decision-making process, tension between crime control and due process, rationale of legal punishment, insanity defense. *Prerequisite:* One previous philosophy course. *3 sem. hrs.*

PHIL 365 Action, Responsibility and Free Will

Examination of a core philosophical puzzle—can responsible action be both free and determined?—in writings of classical and contemporary philosophers. Seminar format, with multiple written and oral critiques, term paper, midterm and final exams. *3 sem hrs.*

PHIL 370 Philosophy of Mind

Critical examination of fundamental questions in the philosophy of mind such as: How can we tell if something has a mind or is capable of thinking? What is the mind? What is thought? Consciousness? Do machines or non-human animals have minds? What is the relationship between the mental and the physical? Between thought and action? *Prerequisite:* One previous philosophy class. *3 sem. hrs.*

PHIL 375 Ethics and Practical Reasoning

Seminar devoted to a survey of basic issues about the nature of practical reason. We also will consider associated issues about intentional action, persons, the good, moral demands, and the normativity of ethics. *3 sem. hrs.*

PHIL 380 Topics Seminar: Issues

Selected topics in philosophy arranged by issues. Recent topics: The Emotions; Science, Pseudoscience and the Paranormal; Intermediate Logic; Ethics, Human and Nonhuman. May be repeated for credit when topic differs. *2-4 sem. hrs.*

PHIL 386 Honors Seminar

Seminar for honors students on topic selected mutually by instructor and those enrolled. *Prerequisite:* Permission of department. *4 sem. hrs.*

PHIL 390 Independent Study

Faculty member directs student's reading and study. *Prerequisite:* Permission of department. *2-4 sem. hrs.*

PHIL 395 Honors Thesis

Supervised completion of research thesis begun and approved in Majors' Seminar. *3-4 sem. hrs.*

PHYSICS

Department of Physics

Cornelius Beausang, Chair

Professor Gilfoyle

Associate Professor Beausang

Assistant Professors Bunn, Fetea, Lipan, Trawick

Director of Physics Laboratory Nebel

Manager of Laboratories Wimbush

Dual-Degree (3-2) Engineering Program

In cooperation with selected engineering schools, the University offers the opportunity for students interested in engineering careers to earn two bachelor's degrees in five years, one from the University of Richmond and another from a cooperating engineering school. Called the 3-2 Engineering Program, a student spends three years at Richmond, completing all of the general education requirements, almost all of the requirements for a major in physics, plus selected other courses. The student spends the remaining two years at the engineering school. The George Washington University School of Engineering and Applied Science is a participant. Additional schools of engineering may develop agreements with Richmond. The Physics Department's Pre-Engineering Advisor can provide information about participating programs and requirements.

The Physics Major

For the Bachelor of Arts degree:

Required:

A. Twenty-eight semester hours in physics courses approved by the department including:

- PHYS 101-102 or 131-132
- PHYS 205
- PHYS 221
- PHYS 397-398
- PHYS 497-498

B. MATH 212 Calculus II or MATH 232 Scientific Calculus II

C. Fifteen semester hours in courses outside of physics approved by the department

This degree is offered primarily for students who wish to prepare for interdisciplinary or medical sciences studies, or to earn a cultural degree.

For the Bachelor of Science degree:

Required:

A. The following Physics courses:

- PHYS 205
- PHYS 301
- PHYS 303
- PHYS 305
- PHYS 308
- PHYS 397-398
- PHYS 401-402
- PHYS 497-498
- Three semester hours of experimental work including Physics 221

B. CHEM 141 Introductory Chemistry: Structure, Dynamics and Synthesis

C. MATH 245 Linear Algebra

D. Seven semester hours in courses outside physics approved by the department

The Interdisciplinary Physics Major for the Bachelor of Science Degree

Note: Students cannot major in both Physics and Interdisciplinary Physics

Required: Thirty-nine semester hours

A. The following courses in Physics and Mathematics:

- PHYS 101
- PHYS 132
- PHYS 205
- PHYS 221
- PHYS 301
- PHYS 397-398
- PHYS 497-498
- MATH 211-212
- Nine additional semester hours in physics at the 200 level or above.

B. One of the concentrations described below. All concentrations require 15-16 additional semester hours beyond those listed above.

1. Biology Concentration: 16 semester hours
 - BIOL 201
 - CHEM 141
 - Eight additional semester hours in Biology
2. Biochemistry Concentration: 16 semester hours
 - CHEM 141
 - CHEM 205-206
 - BIOL/CHEM 326
3. Chemistry Concentration: 16 semester hours
 - CHEM 141
 - CHEM 309-310
 - Four additional semester hours in Chemistry
4. Computer Science Concentration: 15 semester hours
 - CMSC 150 or CMSC 155
 - CMSC 221
 - Eight additional semester hours in Computer Science
5. Engineering Concentration: 15 semester hours of Engineering courses. This concentration is intended for students participating in the 3-2 engineering program. The required hours will be earned at another institution.
6. Mathematics Concentration: 15 semester hours
 - MATH 235
 - MATH 245
 - MATH 312
 - Six additional semester hours in Mathematics at the 300 level or above

The Physics Minor

Seventeen semester hours in physics courses, including at least nine semester hours in courses numbered above 200, excluding 397-398 and 497-498.

Note: The beginning courses in Physics (101, 102, 121, 123, 125, 131, and 132) offer different approaches to

the subject matter depending on the student's intended major. Each of these courses fulfills the natural science fields-of-study requirement for general education.

For students intending to major in the natural or mathematical sciences, Physics 131-132 and Physics 101-102 are the recommended options.

COURSES

PHYS 101 General Physics 1

First semester of a sequence in general physics. Mechanics, heat, sound, magnetism, electricity, light and modern physics are covered in the two-semester sequence. Includes laboratory. **Note:** Physics 101 not a prerequisite to 102. *A student may not receive credit for both Physics 131 and 101. Prerequisites:* Algebra and trigonometry. *4 sem. hrs. (FSNP)*

PHYS 102 General Physics 2

Second semester of a sequence in general physics. Mechanics, heat, sound, magnetism, electricity, light and modern physics are covered in the two-semester sequence. Includes laboratory. **Note:** A student may receive credit for only one of the following courses: 102, 132, 133, 134. *Prerequisites:* Algebra and trigonometry. *4 sem. hrs. (FSNP)*

PHYS 121 Astrophysics

Celestial motions, stellar structure, cosmology and related problems including appropriate concepts of elementary physics. Not among the recommended options for science or math majors. Includes laboratory. *4 sem. hrs. (FSNP)*

PHYS 125 Elements of Physics

Principles and applications of physics. Topics selected from mechanics, sound, light, electricity, magnetism, heat and modern physics. Not among the recommended options for science or math majors. Includes laboratory. *4 sem. hrs. (FSNP)*

PHYS 131 General Physics with Calculus 1

First semester of a calculus-based introductory sequence. Mechanics, heat, sound, magnetism, electricity and light are covered in the two-semester sequence. Includes laboratory. *A student may not receive credit for both Physics 131 and 101. Prerequisite:* Math 211 or 231 (may be taken concurrently). Physics 131 is prerequisite to 132 unless permission is granted by instructor. *4 sem. hrs. (FSNP)*

PHYS 132 General Physics with Calculus 2

Second semester of a calculus-based introductory sequence. Mechanics, heat, sound, magnetism, electricity, and light are covered in the two-semester sequence. Includes laboratory. **Note:** A student may receive credit for only one of the following courses: 102, 132, 133, 134. *Prerequisites:* Math 212 or 232 (may be

taken concurrently) and Physics 131 or permission of instructor. *4 sem. hrs.* (FSNP)

PHYS 133 Atomic and Sub-Atomic Physics

Second semester of a calculus-based introductory sequence with emphasis on physics of atoms, molecules, nuclei and quarks. Mechanics, heat, sound, magnetism, electricity and light are covered in the two-semester sequence. Includes laboratory. **Note:** A student may receive credit for only one of the following courses: 102, 132, 133, 134. *Prerequisites:* Math 212 or 232 (may be taken concurrently) and Physics 131 or permission of instructor. *4 sem. hrs.*

PHYS 134 Biological Physics

Second semester sequence of a two-semester calculus-based course that includes laboratory, aimed at students interested in the biological sciences, premedicine, earth and environmental sciences. Mechanics, heat, sound, magnetism, electricity and light are covered in the two-semester sequence. **Note:** A student may receive credit for only one of the following courses: 102, 132, 133, 134. *Prerequisites:* Math 212 or 232 (may be taken concurrently) and Physics 131 or permission of instructor. *4 sem. hrs.*

PHYS 205 Introduction to Modern Physics

Introduction to topics in 20th-century physics including special relativity, quantum mechanics, and statistical physics. *Prerequisite:* Physics 132 or permission of department. *3 sem. hrs.*

PHYS 215 Computational Methods in Physics

Project-oriented: applying computers to solution of problems in physical sciences. *Prerequisites:* Physics 132 and some familiarity with at least one higher-level computer language. *3 sem. hrs.*

PHYS 216-217 Electronics

Laboratory course in basic electronics and instrumentation for science majors. Study of dc and ac circuits, diodes, rectifiers, transistors, operational amplifiers, binary logic, Boolean algebra, digital circuits, analog-digital conversion, transducers and computer interfacing. *Prerequisite:* Physics 101-102 or 132. Physics 216 is a prerequisite to Physics 217. *4-4 sem. hrs.*

PHYS 221 Intermediate Laboratory

Experiments in classical and modern physics emphasizing independent work. Six laboratory hours a week. *Prerequisite:* Physics 101-102 or 132. *4 sem. hrs.*

PHYS 301 Mathematical Methods in Physics

Selected mathematical topics needed for upper-level work in physics. Topics taken from vector calculus, matrices, calculus of variations, orthogonal functions and complex analysis. *Prerequisite:* Physics 132 or permission of department. *3 sem. hrs.*

PHYS 303 Mechanics

Mathematical analysis of physical laws pertaining to dynamics of particles and rigid bodies. Introduction to moving coordinate systems and Lagrange's and Hamilton's methods. *Prerequisite:* Physics 301 or permission of department. *3 sem. hrs.*

PHYS 305-306 Electricity and Magnetism

Electrostatic fields and potentials, dielectrics, magnetic fields and potentials. Maxwell's equations, electromagnetic waves. *Prerequisite:* Physics 301 or permission of department. Physics 305 is prerequisite to 306. *3-3 sem. hrs.*

PHYS 308 Statistical Mechanics

Statistical methods applied to description of physical systems. Statistical calculation of thermodynamic quantities, laws of thermodynamics, statistical distributions and classical and quantum statistics of ideal gases. *Prerequisite:* Physics 301 or permission of department. (Same as Chemistry 308.) *3 sem. hrs.*

PHYS 321 Advanced Laboratory

Application of fundamental experimental techniques to advanced physics problems from mechanics, electromagnetism and thermal, modern, atomic, nuclear and particle physics. Three to six laboratory hours a week. *Prerequisite:* Physics 221 or permission of department. *1-2 sem. hrs.*

PHYS 381-382 Research

Six hours a week of laboratory or independent study. PHYS 381 may be repeated for credit a maximum of three times. PHYS 382 may not be repeated for credit. *Prerequisite:* Permission of department. *2-2 sem. hrs.*

PHYS 397-398 Junior Seminar

Required of all third-year physics majors. Does not count in hours required for minor. *1-1 sem. hrs.*

PHYS 401-402 Quantum Mechanics

Wave mechanics and quantization; Schrodinger equation for variety of potentials; hydrogen atom in detail; perturbation methods. (Same as Chemistry 401-402.) *Prerequisite:* Chemistry 310 or Physics 301 or permission of department. Physics 401 is prerequisite to 402. *3-3 sem. hrs.*

PHYS 404 Theoretical Physics

Application of mathematics to selected topics in physics. *Prerequisite:* Physics 301 or permission of department. *3 sem. hrs.*

PHYS 479 Special Topics

Topics include Particle and Nuclear Physics, Solid State, Modern Optics, Relativity, Field Theory. *Prerequisite:* Permission of department. *3 sem. hrs.*

PHYS 497-498 Senior Seminar

Required of all senior physics majors. Does not count in hours required for minor. *1-1 sem. hrs.*

POLITICAL SCIENCE**Department of Political Science**

Daniel Palazzolo, Chair

Professors Carapico, Palazzolo, E. West, Whelan

Associate Professors Kandeh, Simpson, Wang

Assistant Professors Erkulwater, Labonte, Mayes, Roof, Sznajder

The Political Science Major

Note: The grade point average of the coursework in political science comprising the major, including Math 119 (or its equivalent) and other required courses, must be 2.00 or above with no course grade below C- (1.7).

Thirty semester hours in Political Science, at least 21 of which must be at the 300 level or above, including:

- Political Science 220
- Political Science 372 or 373 or 374
- Political Science 400
- Two of the following: Political Science 240, 250, 260
- One of the following: Political Science 311, 312, 315
- Four electives to bring the total hours in Political Science to 30 hours

In addition to the 30 hours in Political Science, Mathematics 119 (preferred) or Business Statistics 201 and 301, or Psychology 200, or equivalent is required as a prerequisite for Political Science 372, 373 or 374.

The major must include a minimum of 18 semester hours of University of Richmond Political Science courses. No more than six hours credit toward the major can be given for courses offered by other departments or schools at the University.

The department recommends additional coursework in political science and related fields beyond that specified for the major. Study abroad and internships also are encouraged. Students who have an interest in attending law or graduate school should consult with the department chair about undergraduate courses that they should consider taking.

COURSES**PLSC 220 Introduction to American Government**

Basic roles, structures and functions of American political institutions and introduction to American political process. *3 sem. hrs.*

PLSC 240 Introduction to Comparative Politics

Concepts, approaches, classifications and models useful in comparing political structures and processes. Political systems characteristic of countries with different cultures and levels of economic development. *3 sem. hrs. (FSSA)*

PLSC 250 Introduction to International Relations

Framework for analyzing contemporary international system: goals of nation-states and other actors; how such actors attempt to achieve their goals; and some forces that help or hinder attainment of goals. *3 sem. hrs. (FSSA)*

PLSC 260 Introduction to Public Policy

Contemporary social and economic problems in America, public policies adopted or proposed to deal with them, and ways of analyzing those problems and policies. *3 sem. hrs. (FSSA)*

PLSC 279 Special Topics

May be repeated for credit when topic varies. *Prerequisite:* Varies depending on topic. *1-3 sem. hrs.*

PLSC 290 Mock Trial

Designed for those students who choose to participate in intercollegiate mock trial activities. Graded on a pass/fail basis. One credit per semester may be earned, but no more than two credits will be awarded. Credits do not count toward completion of the major or minor. *Prerequisite:* Permission of department chair. *1 sem. hr.*

PLSC 303 Metropolitan Problems and Politics

Analysis of and practical involvement with major issues affecting metropolitan governments. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 304 Virginia Government and Politics

Virginia government at state, county, municipal and special district levels. Emphasis on legislative, executive and judicial organization; state politics and intergovernmental relations. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 310 Statesmanship

(See Leadership Studies 378.) *3 sem. hrs.*

PLSC 311 Political Theory: Plato to Locke

Enduring basic issues in political theory studied through writings of Western civilization's great philosophers. *3 sem. hrs.*

PLSC 312 Modern Political Theory

Ideas of major political philosophers of late 18th, 19th, and 20th centuries, such as Rousseau, Burke, Hegel, Marx, J.S. Millae and Tocqueville. *3 sem. hrs.*

PLSC 315 American Political Theory

Political thought in America from colonial times to present with an emphasis on issues relating to liberty, equality, federalism, community and national purpose. *3 sem. hrs.*

PLSC 316 Reason, Rhetoric and Leadership

(See Leadership Studies 379) *3 sem. hrs.*

PLSC 320 Power, Space and Territory: Geographies of Political Change.

(See Geography 320; same as International Studies 320.) *3 sem. hrs.*

PLSC 321 Interest Groups and Social Movements

A broad look at the role of organized interests - both social movements and interest groups - in American politics and political science. Examines the place of interest groups in democratic theory, how groups and social movements are started and maintained, and their role in politics including their impact on elections and the public policy-making process. Looks at a number of organized interests including the civil rights movement, organized labor, business and Christian conservatives. *Prerequisite:* Political Science 220. *3 sem. hrs.*

PLSC 322 Public Opinion and Public Policy

Examines relationship between public opinion and public policy by identifying democratic values, public preferences and interactions between elected officials and people they govern. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 323 Money, Politics and Prisons

The connections between the economy, politics and the prison system in the United States are important for understanding concepts of justice in a democracy. This course explores links between privatization of prisons, political incentives and theories of justice. *Prerequisite:* Political Science 220. *3 sem. hrs.*

PLSC 325 Racial Politics

Comparative examination of the history, problems and political role of minority groups in the U.S. *Prerequisite:* Political Science 220. *3 sem. hrs.*

PLSC 326 Legislative Process

Organization and functions of American Congress. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 327 The American Presidency

Political leadership in American political system from perspective of chief executive. Particular attention to expansion and use of presidential power. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 328 American National Government

Research seminar on national policy-making process. For advanced Political Science students. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 329 Campaigns and Elections

Analysis of institutions and process of American electoral system and behavior of American electorate. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 330 Creation of the American Republic

(See Leadership Studies 308.) *3 sem. hrs.*

PLSC 331 Constitutional Law

Role of United States Supreme Court in American politics studied through examination of landmark constitutional decisions pertaining to distribution of governmental powers. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 333 Civil Rights/Liberties

Analysis of contemporary legal status and interpretation of constitutional rights and liberties. Emphasis on landmark Supreme Court decisions involving various provisions of the Bill of Rights and the Fourteenth Amendment. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 336 American Constitutional History

Background, adoption and development of the Constitution, with emphasis on role of Supreme Court and judicial review in American history and on changing interpretations of key provisions in the Constitution. *Prerequisites:* Political Science 220 or History 120 or 121. *3 sem. hrs.*

PLSC 337 The American Legal System

Analysis of structure, processes and personnel of American legal system. Emphasis on decision making of private parties, judges, juries and attorneys in context of civil litigation and criminal prosecution. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 340 Islam in Politics

Broadly comparative survey of contemporary Islamist political parties, ideologies and legal philosophies in Asia, Africa, Europe and America. *Prerequisite:* Political Science 240 or International Studies 290. *3 sem. hrs.*

PLSC 341 Great Britain, France and Germany

Geographical and historical settings, political cultures, political parties and elections, executives, legislatures, bureaucracies and legal systems in three major Western European countries. Comparisons of public policies and responses to challenges of welfare state. *Prerequisites:* Political Science 220 and 240 or permission of instructor. *3 sem. hrs.*

PLSC 342 Russia and the Newly Independent States

Recent developments in the former Soviet Union. Ethnic, cultural, religious and economic diversity; political institutions, parties and elections; and current leaders. *Prerequisite:* Political Science 240 or permission of instructor. *3 sem. hrs.*

PLSC 343 Politics of Asia

Study of historical, cultural and social forces shaping contemporary politics of Asia. Comparative survey of major political systems and critical examination of key issues. Attempts to link Asian Studies with mainstream political science. *Prerequisite:* Political Science 240 or permission of instructor. 3 sem. hrs.

PLSC 344 Europe Today

Political, social, ethnic and economic developments in Western Europe since WWII. Formation of European institutions such as European Union, Council of Europe and NATO. Cooperation and conflict among European states, parties and interest groups. *Prerequisite:* Political Science 240 or permission of instructor. 3 sem. hrs.

PLSC 345 Politics of China, Hong Kong and Taiwan

Study of contemporary political history of China; analysis of political systems of the People's Republic of China, the Hong Kong Special Administrative Region and the Republic of China on Taiwan; and discussion of key political, economic and military issues. *Prerequisite:* Political Science 240 or permission of instructor. 3 sem. hrs.

PLSC 346 Politics of Cultural Pluralism

Comparative examination of politicization of race, ethnicity, religion and caste in contemporary world. *Prerequisite:* Political Science 220, 240, 250 or International Studies 290 or permission of instructor. 3 sem. hrs.

PLSC 347 Politics of Developing Nations

Comparative analysis of political, social and economic development or modernization of nations in Africa, Asia and Latin America. Topics include influence of ideology, revolution and reform, national integration, neo-imperialism and dependency, and economic growth and equality. *Prerequisite:* Political Science 240 or 250 or permission of instructor. 3 sem. hrs.

PLSC 348 Politics of Africa

Comparative study of state formation, nation-building, political economy, social structure/movements, selected regions and countries in Africa. *Prerequisite:* Political Science 240 or 250 or permission of instructor. 3 sem. hrs.

PLSC 349 Politics of Latin America and the Caribbean

Influence of historical, social and cultural forces on contemporary politics of Latin America and the Caribbean. Effects of social structure and underdevelopment on processes of democratization, institution building, national integration and economic development. Case studies of selected countries illustrate major themes and issues explored. *Prerequisite:* Political Science 240 or 250 or permission of instructor. 3 sem. hrs.

PLSC 350 American Foreign Policy

Analyzes the traditions, processes, substance and goals of American foreign policy, in addition to exploring national security and defense policy, foreign economic policy, international diplomacy and foreign policy ethics. *Prerequisite:* Political Science 220 or 250 or permission of instructor. 3 sem. hrs.

PLSC 352 International Law and Organization

Development, processes and functions of contemporary international law and organization. Emphasis on conflict management, promotion of economic and social welfare, and development of community. *Prerequisite:* Political Science 250 or permission of instructor. 3 sem. hrs.

PLSC 355 Middle East Security

International relations of West Asia and Northeast Africa with emphasis on issues related to war, peace and power. *Prerequisite:* Political Science 250. 3 sem. hrs.

PLSC 356 International Political Economy

Politics, processes and institutions underlying contemporary global economic interdependence, with special focus on international trade, finance and assistance; alternative theoretical models for understanding these events, processes and institutions. *Prerequisite:* Political Science 250 or permission of instructor. 3 sem. hrs.

PLSC 357 International Relations of East Asia

Study of interactions among the major powers in the Asia-Pacific region during and after the Cold War. Examines crucial country cases and thematic issues (with focus on identity, security, and economic interdependence) by drawing perspectives from dominant international relations theories (e.g., realism, neorealism, liberal-idealism, liberal institutionalism, Marxism, and constructivism). *Prerequisite:* Political Science 240 or 250. 3 sem. hrs.

PLSC 358 The United States and the Pacific Rim

Study of changing U.S. role in the Asia-Pacific region; U.S. relations with the major powers in the region; and salient regional and bilateral political, security and economic issues. 3 sem. hrs.

PLSC 360 International Development Policy

Assistance policies of wealthy nations and multilateral organizations, development policies and problems of poor or underdeveloped nations, and dynamics of economic, political, environmental and cultural transactions. *Prerequisite:* Political Science 250 or permission of instructor. 3 sem. hrs.

PLSC 361 The Politics of Social Welfare

Development and adequacy of programs addressing needs of "the poor" in the U.S. Insights into why some

programs fail and others succeed. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

PLSC 362 Environmental Law and Policy

Examines legal aspects, both regulations and case law, of environmental policy. Central issues are whether legal responses (1) effectively address the needs of the parties most affected; (2) properly weigh such facts as economic efficiency, protection of nonhuman species, and the possibility of unintended consequences; and (3) are diluted by the political process. (Same as Environmental Studies 362.) *Prerequisite:* Political Science 260 or Environmental Studies 201. *3 sem. hrs.*

PLSC 365 U.S. Healthcare Policy and Politics

Examination of political and economic evolution of the American healthcare system: doctors, hospitals, managed care, Medicare, Medicaid, health insurance, public health, epidemiology, mental health, pediatric health, tort reform and psychopharmacology, among other topics. Includes comparative analysis of other countries' healthcare systems. *Prerequisite:* Political Science 260 or permission of the instructor. *3 sem. hrs.*

PLSC 372 Methods for Public Opinion Research

Core topics related to research methodology with a specific focus on survey methodology and introduction to a wider range of methods for ascertaining public opinion. *Prerequisites:* Political Science 220 and Mathematics 119, or Business Statistics 301 or Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PLSC 373 Methods for Public Policy Research

Core topics related to research methodology with a specific focus on policy analysis and program evaluation, including various methodological techniques utilized for the quantitative and qualitative assessment of public policy. *Prerequisites:* Political Science 220 or 260 and Mathematics 119, Business Statistics 301 or Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PLSC 374 Methods for Cross-National Research

Core topics related to research methodology with a specific focus on issues and techniques in the collection, interpretation, comparison and modeling of cross-national and cross-cultural data. *Prerequisites:* Political Science 240 or 250 and Mathematics 119 or Business Statistics 301 or Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PLSC 379 Selected Topics

Examples include Comparative Public Policy, Deficits and Public Interest, Political Terrorism, and Leadership and Women's Movements. May be repeated for credit when topic varies. *1-4 sem. hrs.*

PLSC 388 Individual Internship

Prerequisites: Permission of department chair. *1-6 sem. hrs.*

PLSC 390 Independent Study

Prerequisite: Permission of department chair. *1-3 sem. hrs.*

PLSC 393 Seminar

Selected topics of special interest to advanced students. *3 sem. hrs.*

PLSC 395 Legislative Internship

Combines weekly seminar on the state legislative process with work as assistant to a state legislator, government agency, interest group or press during session of the Virginia General Assembly. *Prerequisites:* Political Science 220 and permission of instructor. *6 sem. hrs.*

PLSC 400 Senior Seminar

Reading and research focusing on important topics in Political Science. Both topics and instructors change from semester to semester. *Prerequisites:* Senior status and completion of 21 hours in Political Science, including 372, 373, or 374. *3 sem. hrs.*

PSYCHOLOGY

Department of Psychology

Scott Allison, Chair

Professors Allison, Kinsley, Li, Newcomb

Associate Professors Bagwell, Berry, Sholley

Assistant Professors Abrams, Bukach, Crawford

Clinical Assistant Professors Churchill, LeViness, Stott

The Department of Psychology offers a rigorous, hierarchically organized curriculum that combines the highest expectations of achievement with a nurturing environment rich in opportunities for intellectual stimulation and personal commitment. Our central mission is to provide an academic setting for students to become skilled, adaptable and highly accomplished—to excel in the best graduate and professional schools or in the most competitive entry-level employment opportunities. We prepare students to lead productive lives characterized by a lifetime of learning, leadership and service. We seek to offer our students a distinctive experience—a love of learning and involvement with the academic community—that is brought together by a unique interaction between the quality of our student experience and the dedication of our faculty to excellence in scholarship and teaching. The department does its best to educate and train its students to reach their potential.

The Psychology faculty share in the vision that education is as much of an activity as it is a body of knowledge. As professional educators, we embrace pedagogical strategies that place special emphases on the following principles: the scientific method; intellectual challenge and complexity; familiarity with primary source materials; interactive and collaborative learning;

critical and analytical thinking; the utilization of current technologies; professional ethics; excellent oral and written expression and communication; respect for, and understanding of, varied perspectives and individual differences; psychology's unique position within the liberal arts; and finally, involvement in the local intellectual and cultural communities. These curricular emphases reflect our educational goals and aspirations. They represent directions for fostering, challenging and strengthening our students' intellectual curiosity. Moreover, they pervade all levels of our undergraduate curriculum, from our introductory course to our most advanced courses, and through the collaborative research pursuits of our students and faculty.

The Psychology Major

Note: The grade point average of the department-specific and related-area coursework comprising the major or minor must be no less than 2.00 with no course grade below C- (1.7).

For the Bachelor of Arts degree:

Thirty-five semester hours in psychology including:

- Psychology 100
- Psychology 200
- Psychology 299
- One methods and analyses course and corequisite in the 310-328 series
- One methods and analyses course and corequisite in the 330-348 series
- One course in the 433-449 series
- Psychology elective hours sufficient to bring total hours in Psychology to 35

For the Bachelor of Science degree:

Thirty-five semester hours in psychology, including:

- Psychology 100
- Psychology 200
- Psychology 299
- One methods and analyses course and corequisite in the 310-328 series
- One methods and analyses course and corequisite in the 330-348 series
- Two courses in the 433-449 series
- Psychology elective hours sufficient to bring total hours in Psychology to 35

Seventeen semester hours in related areas, consisting of:

- Math 211-212 or Math 231-232
- Either Mathematics 235, 245, or 312 or Computer Science 150 or 155
- Either Biology 201 or Chemistry 141 or Physics 101-102 or Physics 131-132

And for all degrees:

No more than four semester hours of Psychology 299 may be applied to the 35 semester hours required in

psychology. No more than three semester hours of internship or six semester hours of Psychology 361 may be applied to the major.

The Senior Capstone Experience

The Psychology Department's Senior Capstone Experience is intended to provide psychology majors with an intensive and integrative experience in psychology to culminate their undergraduate careers.

Students pursuing either the Bachelor of Arts or the Bachelor of Science degree must choose one of three Senior Capstone options:

Option 1: Advanced Seminar. One course in the Psychology 433-449 series to be taken during the fall or spring semester of the student's senior year.

Option 2: Senior Research and Advanced Seminar. One course in the Psychology 433-449 series to be taken during the fall or spring semester of the student's senior year, and collaboration with a faculty member on a year-long senior research project.

Option 3: Senior Honors Research and two Advanced Seminars. One course in the Psychology 433-449 series to be taken during the fall semester of the student's senior year, a second course from this series to be taken during spring of the senior year, and collaboration with a faculty member on a year-long senior Honors research project.

Related Fields

Interdisciplinary Concentration in Neuroscience for Biology and Psychology Majors: see section titled Interdisciplinary Concentrations

Interdisciplinary Major in Cognitive Science

The Psychology Minor

Note: The grade point average of the department-specific and related-area coursework comprising the major or minor must be no less than 2.00 with no course grade below C- (1.7).

Twenty-four semester hours in psychology including:

- Psychology 100
- Psychology 200
- Psychology 299
- One methods and analyses course and corequisite in the 310-328 series
- One methods and analyses course and corequisite in the 330-348 series

Study Abroad

Psychology majors are encouraged to take advantage of study abroad. The key to successful integration of a study abroad experience with a psychology major is early and careful planning with the student's advisor and department chair. In most cases students will want to have their final three semesters on campus. Therefore,

if a student anticipates participating in a study abroad program, the best times to be away are the sophomore year, the first semester of the junior year, or during a summer.

COURSES

PSYC 100 Introduction to Psychological Science

Scientific exploration of human behavior, with emphasis on scientific and technological skills involved in the process of conducting psychological research. Three lecture and two laboratory hours a week. *4 sem. hrs.* (FSSA)

PSYC 200 Methods and Analyses

Introduction to research methods and statistical procedures in psychological science. Emphasis on mastering fundamental scientific and technological skills associated with literature review, research design, experimental manipulation, data collection, data analysis, data graphics, data interpretation and scientific writing. Five lecture and two laboratory hours a week. **Note:** To be eligible for enrollment in 300-level and 400-level psychology courses, students must pass Psychology 200 with a grade of C- (1.7) or better. *Prerequisite:* Psychology 100. *4 sem. hrs.*

PSYC 249 Special Topics

Special course offerings to explore specific directions within subdiscipline of psychology. May be taken more than once for credit when topic varies. *Prerequisite:* Stated when course is offered. *3 sem. hrs.*

PSYC 299 Integrated Topics

Special course offerings that provide an integrative perspective of psychological theories, issues and research across two or more disciplinary (or subdisciplinary) contexts. *Prerequisite:* Psychology 100. *4 sem. hrs.*

PSYC 300 History and Systems of Psychology

History of psychology and of major schools of thought and their viewpoints. Recommended for majors who are planning to attend graduate school in psychology. *Prerequisite:* Psychology 299. *4 sem. hrs.*

PSYC 311 Child Development

Critical examination of research and theory on developmental changes and processes from prenatal through preadolescent periods. Emphasis on theoretical and empirical work on historical foundations, behavior genetics, attachment, development of perception, cognition, language and social contexts and relationships. *Prerequisite:* Psychology 200 with a grade of C- or better. *3 sem. hrs.*

PSYC 312 Child Development: Methods and Analyses

Intensive laboratory experience focusing on conceptual, methodological and analytical skills employed in investigation of child development. *Corequisite:* Psychology 311. *3 sem. hrs.*

PSYC 313 Social Psychology

Critical overview of current theory and research in social psychology, with emphasis on conceptual and empirical work on social cognition, social influence, affective processes, attraction, altruism, aggression and group dynamics. *Prerequisite:* Psychology 200 with a grade of C- or better. *3 sem. hrs.*

PSYC 314 Social Psychology: Methods and Analyses

Intensive laboratory experience focusing on methodological, computing and statistical skills indigenous to experimental social psychology. *Corequisite:* Psychology 313. *3 sem. hrs.*

PSYC 315 Adult Development

Critical examination of research, theory and methods of cognitive processes associated with adulthood and aging, including thinking, learning, intelligence, memory, problem solving, creativity and wisdom. *Prerequisite:* Psychology 200 with a grade of C- or better. *3 sem. hrs.*

PSYC 316 Adult Development: Methods and Analyses

Intensive coverage of experimental and statistical methods used to study cognitive processes in adulthood. Extensive use of computers to design and analyze research pertinent to cognitive aging. *Corequisite:* Psychology 315. *3 sem. hrs.*

PSYC 317 Applied Social Psychology: Theory and Research

Critical overview of theory and research in a behavioral or social subdiscipline of psychology. *Prerequisite:* Psychology 200 with a grade of C- or better. *3 sem. hrs.*

PSYC 318 Applied Social Psychology: Methods and Analyses

Methodology and analytic procedures used in psychological research with in-depth application to a behavioral or social subdiscipline of psychology. *Corequisite:* Psychology 317. *3 sem. hrs.*

PSYC 319 Psychopathology: Theory and Research

Critical examination of research and theory in psychopathology and behavior disorders including the phenomenology, etiology, assessment and treatment of major forms of psychological disorders. Emphasis on an integrative approach incorporating clinical, developmental, biological and sociocultural perspectives. *Prerequisite:* Psychology 200 with a grade of C- or better. *3 sem. hrs.*

PSYC 320 Psychopathology: Methods and Analyses

Intensive laboratory experience focused on conceptual, methodological and analytical skills used in clinical psychology and investigation of psychopathology and behavior disorders. *Prerequisite:* Psychology 317. *3 sem. hrs.*

PSYC 321 The Psychology of Organizations

Critical Examination of major theoretical orientations and methodological approaches that bridge the fields of social psychology and organizational behavior. Topics include information processing, decision making, social influence, leadership and group dynamics. *3 sem. hrs.*

PSYC 322 The Psychology of Organizations: Methods and Analyses

Intensive laboratory experience focusing on methodological, statistical and computing skills associated with theory and research on the psychology of organizations. *3 sem. hrs.*

PSYC 331 Behavioral Neuroscience

Biological and physiological processes involved in central and peripheral regulation of animal and human behavior. *Prerequisite:* Psychology 200 with a grade of C- or better. *3 sem. hrs.*

PSYC 332 Behavioral Neuroscience: Methods and Analyses

Intensive experience with techniques and approaches used in design, execution and analysis of research in behavioral neuroscience. *Corequisite:* Psychology 331. *3 sem. hrs.*

PSYC 333 Cognitive Science

Critical examination of interdisciplinary studies of knowledge representation, information processing and learning with theories and methods drawn from psychology, computer science, linguistics, philosophy and neuroscience. *Prerequisite:* Psychology 200 with a grade of C- or better. *3 sem. hrs.*

PSYC 334 Cognitive Science: Methods and Analyses

Intensive experience with techniques used in computer simulation, experimental program design, and data processing and analysis in interdisciplinary study of cognition. *Corequisite:* Psychology 333. *3 sem. hrs.*

PSYC 335 Cognition: The Psychology of Information

Critically examines attention, memory (both conscious and unconscious), learning, categorization, problem solving, decision making and design, and aims to apply these topics to life in the information age. *Prerequisite:* Psychology 200 with a grade of C- or better. *3 sem. hrs.*

PSYC 336 Cognition: The Psychology of Information: Methods and Analyses

Intensive laboratory experience using the methodology and analytic approaches of cognitive psychology to conduct original research. *Corequisite:* Psychology 335. *3 sem. hrs.*

PSYC 350 Selfhood

Critical examination of nature, function and development of the human self. Emphasis on the

dynamic, open-ended qualities of the healthy, normal self and on the construction of self-identity, especially in relationship to one's sense of meaning in life. *3 sem. hrs.*

PSYC 351 Religion and Psychology

For millennia, religion and psychology have addressed issues pertaining to the nature and functioning of the human soul (*anima*) or mind (*psyche*). Will explore some of the intertwined history of religion and psychology, including some of the religious underpinnings of modern psychology, as well as the psychological foundations of religious experience, doctrine, ritual and belief. Emphasis will be placed upon the psychology of religions. (Same as Religion 364.) *3 sem. hrs.*

PSYC 359 Special Topics

Special course offerings to explore specific direction within interdisciplinary area of psychology. May be taken for credit more than once when topics vary. *Prerequisite:* Stated when course is offered. *3 sem. hrs.*

PSYC 361 Independent Research

Individual research conducted in collaboration with faculty. **Note:** No more than six semester hours may count toward a Psychology major. *Prerequisites:* Psychology 200 with a grade of C- or better and permission of supervising instructor. *1-3 sem. hrs.*

PSYC 388 Individual Internship

Supervised independent work in field situation designed to give student applied experience after completion of appropriate coursework in subarea of Psychology. *Prerequisite:* Course from the Psychology series 250-299 appropriate to the internship setting. *1-3 sem. hrs.*

PSYC 399 Junior Thesis

Critical overview of major developments in history and philosophy of science, with specific focus on philosophy, history and current status of psychological science. Emphasis placed on developing individual research proposals for senior honors research. *Prerequisites:* Minimum overall grade point average of 3.30 and permission of instructor. *4 sem. hrs.*

PSYC 433 Multivariate Statistics

Multiple variable research design and applied multivariate analyses, including multiple regression, factor analysis and multivariate analysis of variance. *Prerequisite:* Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PSYC 435 Advanced Personality and Social Psychology

Critical examination of theory and research associated with interface between personality and social psychology. *Prerequisite:* Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PSYC 436 Developmental Psychopathology

Intensive analysis of description, etiology and development of individual patterns of behavioral maladaptation in childhood and adolescence with critical evaluation of child and family treatment approaches. *4 sem. hrs.*

PSYC 437 Psychology in American Society and Culture

Critical examination of the ways in which American society and culture have influenced the development of modern psychology, and the reciprocal influence of modern psychology upon the social practices and cultural norms of the United States. (Same as American Studies 323 and History 303.) *4 sem. hrs.*

PSYC 438 Group Processes

In-depth analysis of psychology of group formation, group conflict, group decision making and intergroup relations. Emphasis on critical analysis of current theory and research on collective phenomena. *Prerequisite:* Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PSYC 439 Psychoneuroendocrinology

Important modulatory roles the brain and hormones play in display and control of various social behaviors and physiological phenomena in humans and other animals. *Prerequisite:* Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PSYC 440 Advanced Neuroscience

Advanced interdisciplinary examination of field of neuroscience, including biochemistry of the neuron, biology of the brain, and creation of psychology out of nervous tissue. *Prerequisite:* Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PSYC 441 Clinical Neuroscience

Examination of ways in which brain function is modified to create symptomatology and syndromes that comprise clinical topics in psychology. The contrast between so-called psychological and biological bases of disorder is considered. *Prerequisite:* Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PSYC 442 The Neurobiology of Relationships

Examination of complex array of behaviors that animals display toward each other from the perspective of evolutionary pressures that shaped extant neurobiology. Focus on inextricable link between human and animal origins. *Prerequisite:* Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PSYC 443 Cross-Cultural Psychopathology

Critical examination of the extent to which the etiology and manifestation of mental disorders are affected

by society and culture. The proposition that mental disorders prevalent within a particular culture shed light on the value structure and preoccupations of that culture is considered. *Prerequisite:* Psychology 200. *4 sem. hrs.*

PSYC 449 Advanced Seminar

Special intensive seminar offerings based on student demand and faculty availability. *Prerequisite:* Psychology 200 with a grade of C- or better. *4 sem. hrs.*

PSYC 461-462 Senior Research

Senior research project completed in collaboration with faculty mentor. *3-3 sem. hrs.*

PSYC 491-492 Senior Honors

Advanced research opportunity for selected students requiring completion and presentation of senior thesis. *Prerequisite:* Departmental invitation. *3-3 sem. hrs.*

RELIGION**Department of Religion**

G. Scott Davis, Chair

Professors Davis, Eakin

Associate Professors Bergren, Geaney, Shaw

Assistant Professor Winiarski

The Religion Major is designed to provide students with both breadth and depth in the academic study of religion. When declaring the major, the student must meet with the departmental representative to formulate a course of study appropriate both to his or her interests and to the goals of the major generally.

The Religion Major

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.7).

Thirty semester hours, including:

- Three courses at the 300 level, excluding 388, 395-396, 12 hrs.
- Ten elective hours
- RELG 400, Majors Seminar in Approaches to the Study of Religion (Fall only), 4 hrs.
- RELG 401, Majors Colloquium (Spring only), 4 hrs.

The department encourages dual majors. In addition, cognate courses in other departments may be included within the required 30 semester hours, with the approval in advance of the Religion Department. Under no circumstances will more than two extra-departmental courses be accepted as part of those 30 semester hours. Majors who plan to study abroad in the senior year must make arrangements to take the Majors Seminar and/or the Majors Colloquium in the junior year.

Honors Program

Qualified students may apply to work for honors at the discretion of the department. A major who wishes to pursue honors should meet with the honors coordinator, usually no later than the first semester of the junior year. The department will then invite selected students to apply for honors, at which point those students will meet with the honors coordinator to plan a designated Honors Program in conjunction with a faculty advisor. The Honors Program will normally consist of four related courses, approved by the honors committee of the School of Arts and Sciences, two of which will be RELG 403-404, culminating in an honors thesis. The advisor and two other members of the department will constitute the thesis committee for each thesis and will supervise the required oral defense. Honors will be granted only to those students whose theses meet departmental standards.

The Religion Minor

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.7).

The Religion Minor is designed to provide basic grounding in the academic study of religion. The Religion Minor requires eighteen semester hours in religion, reflecting the diversity of areas and approaches that make up the Religion Department. At least two courses must be taken at the 300 level, excluding 388, 395-396.

COURSES

RELG 200 Symbol, Myth and Ritual

Introduction to study of religion including, but not limited to, social scientific approaches, focusing on symbols, myths, and rituals as constitutive features of individual and communal religious thought and practice. *3 sem. hrs.* (FSSA)

RELG 201 The Bible as Literature

Literary analysis of selected biblical passages, with text viewed as autonomous entity. Attention to both intention of author(s) and message understood by recipient(s). Emphasis on student's direct involvement in textual analysis. *3 sem. hrs.* (FSLT)

RELG 204 Choral Music and Creed

(See Music 204.) *3 sem. hrs.* (FSVP)

RELG 230 The History of Israel

Israel's historical development through collaborative study of Israel's ideas and institutions within context of Ancient Near East. *3 sem. hrs.* (FSHT)

RELG 232 Introduction to Biblical Hebrew

Introduction to biblical Hebrew. Principles and structure of biblical Hebrew with translation of selected Old Testament narratives. *3 sem. hrs.*

RELG 241 Introduction to Early Christian Era

Survey of history of early Christianity, beginning with Jesus and his religious background, to about 120 A.D. Focus on primary texts: New Testament and other early Christian literature. *3 sem. hrs.* (FSHT)

RELG 242 Jesus and Christian Origins

Investigates diversity of historical sources for Jesus. Detailed attention to selected ancient documents and modern interpretations. *3 sem. hrs.*

RELG 243 The World of the New Testament

Religious and philosophical movements, besides Christianity, that flourished in Mediterranean world 200 B.C. to 200 A.D. Focus on "Greco-Roman" religions, Judaism and Gnosticism. *3 sem. hrs.*

RELG 250 Introduction to World Religions

Survey of major beliefs, practices, symbols and sacred texts in selected religious traditions. *3 sem. hrs.*

RELG 251 Sacred Arts of India

Introduction to Indian religions focusing on artistic expressions, roles of yoga and meditation in creativity, and use of images to experience the divine. *3 sem. hrs.* (FSVP)

RELG 252 East Asian Philosophical Thought

An introduction to major philosophical texts in China and Japan using literary theory. *3 sem. hrs.* (FSLT)

RELG 253 Body/Sex in World Religious Literature

Exploration of theoretical ideas about body and sexuality in world religious literature focusing on connection between sexuality and construction of identity in various religious perspectives. *3 sem. hrs.* (FSLT)

RELG 254 Contemporary American Religion and Spirituality

Introduction to religion in the United States since 1965. Topics may include the re-emergence of evangelical Christianity in American politics and culture, the varieties of African-American religious experience, civil religion and the September 11th attacks, the religious challenges facing ethnic outsider groups, world religions in America, 'cult' controversies, 'civil' religion, religion and technology, and the broad-ranging 'spirituality' practiced by Americans in the new millennium. *3 sem. hrs.* (FSSA)

RELG 257 Native American Religions

Historical survey of selected Native American religious traditions from prehistory to present. Course topics may include: Mississippian and Anasazi cultures; rituals of trade, agriculture and war; impact of European missionaries and revitalization movements; Black Elk and Lakota Catholicism; and religious freedom issues in contemporary Indian communities. *3 sem. hrs.* (FSHT)

RELG 258 Medieval Religious Thought

History of European religious thought in the Middle Ages through reading and analysis of primary texts in translation, supplemented by interpretive materials drawn from secondary literature. *3 sem. hrs.* (FSHT)

RELG 260 History of Judaism

Pre-exilic Yahwism to contemporary denominational Judaism. Attention to development of beliefs and practices. *3 sem. hrs.* (FSHT)

RELG 263 Religion and the Arts

Interactions of religious beliefs and practices with the visual and performing arts in selected traditions. *3 sem. hrs.* (FSVP)

RELG 265 Religion and Moral Decisions

Role of religion in shaping individual and social moral practices and beliefs. Emphasis given to role of social scientific theories and methods in interpretation of beliefs and institutions. *3 sem. hrs.* (FSSA)

RELG 266 Television: Ethics for Hire?

TV comedy and drama to determine ethical structures. To ask, does TV have a responsibility to say something and, if so, who will decide about content? How is high culture related to popular culture in the area of ethical claims? Enrollment limited to specified number of students of given class standing and other criteria. Offered in summer only. *3 sem. hrs.*

RELG 267 Varieties of Christian Ethics

Historical and contemporary approaches to ethics in the Christian traditions. Authors discussed may include Aquinas, Luther, Calvin and contemporary thinkers on war, abortion and sexuality. *3 sem. hrs.* (FSSA)

RELG 268 Religion and Literature

Religious beliefs, practices and institutions as expressed in literature of various traditions. Emphasis on modern and contemporary works. *3 sem. hrs.* (FSLT)

RELG 269 Ethics, Religion and the Environment

Ethical and religious issues in human interaction with the nonhuman world. Topics may include animal rights, respect for nature, biological diversity and religious stewardship of nature. *3 sem. hrs.*

RELG 271 Religion, Art and Material Culture in America

Introduction to study of selected American religious traditions through art, architecture, material objects and the built environment. Special attention given to methods of visual analysis and interpretation. *3 sem. hrs.*

RELG 293-294 Selected Topics

Special course offered at introductory level when sufficient faculty or student interest exists in subject

matter not covered in other religion courses. May be repeated for credit when topics vary. *1-3/1-3 sem. hrs.*

RELG 331 The Hebrew Prophets

Emergence of Israelite prophetic movement in its ancient Near Eastern context, with application to contemporary social, political, ethical, and religious problems. *4 sem. hrs.*

RELG 332 Hebrew and Christian Wisdom Literature

Development of Biblical wisdom literature. Pre biblical, Hebrew and Christian wisdom selections. *4 sem. hrs.*

RELG 340 Varieties of Early Christianity

The origins and interactions of major varieties of Christianity that flourished in first two centuries A.D. Consideration of Pauline, Johannine and Marcionite strands; Jewish Christianity; Gnosticism; Montanism; etc. *4 sem. hrs.*

RELG 341 Paul and Christian Origins

Writings of Paul, with emphasis on diversity and early history of Christian Church, its theology and milieu. Reactions to Pauline thought. *4 sem. hrs.*

RELG 342 John in Early Christian Literature

Early Christian writings attributed to or associated with John. Primary attention to Gospel of John, as well as the study of Letters, Acts, Apocalypse and Apocryphon of John. *4 sem. hrs.* (FSLT)

RELG 343 Apocalyptic Visions of the End

Origin and development of views concerning imminent end of world. Focus on Jewish and Christian traditions, with some attention to other strands. *4 sem. hrs.*

RELG 352 Buddhism in India and Tibet

Survey of major historical movements, philosophical developments, and cultural expressions in India and Tibet. *4 sem. hrs.*

RELG 353 Buddhism in China and Japan

Survey of major historical movements, philosophical developments, and cultural expressions in China and Japan. *4 sem. hrs.*

RELG 355 Selected Asian Religions

Intensive study of one of the following religious traditions: Daoism, Confucianism or Zen. *4 sem. hrs.*

RELG 356 Religious Thought of the Renaissance and Reformation

History of religious thought in Europe, 1300-1600. Topics may include Christian humanism, fate and free will, the authority of Scripture, and the conquest of the New World. *Prerequisite:* Religion 258 or permission of instructor. *4 sem. hrs.*

RELG 357 Religion in Early America

Development of American religious traditions from the colonial period through the 1840s. Topics may include Puritanism, revivalism, African-American Christianity, the Founding Fathers, frontier religion and religious sectarianism. *4 sem. hrs.*

RELG 358 Topics in American Religious Traditions

Focused study of a selected topic in American religious history such as the Great Awakening, Indians and missionaries, religious autobiography, or the frontier. Seminar format emphasizing the analysis of primary sources and related methodological issues. May be repeated for credit when topics vary. *4 sem. hrs.*

RELG 359 American Judaism

Emphasis on role of Jewish people beginning with their entrance into New Amsterdam in 1654; major immigration periods and precipitating factors; emergence of anti-Jewish reactions; and some contributions of Jews. *4 sem. hrs.*

RELG 360 Goddess Traditions Ancient and Modern

Survey of major prehistoric and historical goddesses and exploration of contemporary relevance of goddess spirituality. *4 sem. hrs.*

RELG 362 Religion and Its Critics

Religious thought and its critics in Europe and America, 1600-present. Authors may include Pascal, Hume, Schleiermacher, Darwin, James, Freud, Barth and Rorty. *4 sem. hrs.*

RELG 364 Religion and Psychology

(See Psychology 351.) *3 sem. hrs.*

RELG 365 Philosophical Problems in Comparative Religion

Examination of philosophical problems in cross-cultural communication, particularly translation, rationality and relativism. May be repeated for credit when topics vary. *4 sem. hrs.*

RELG 366 Buddhist Philosophy

Major Buddhist philosophical developments, beginning in India and culminating in contemporary Zen philosophy. *4 sem. hrs.*

RELG 369 Problems in Social Ethics

Selected issues of social concern as addressed by various religious traditions in contemporary context. Such topics as sexuality, war, abortion, euthanasia and environmentalism. May be repeated for credit when topics vary. *4 sem. hrs.*

RELG 370 Leadership and Religious Values

(See Leadership 387.) *3 sem. hrs.*

RELG 373 Witchcraft and its Interpreters

Interdisciplinary exploration of witchcraft in early modern England and North America based on original legal records and related primary sources as well as selected secondary works by modern scholars. Special attention given to the interpretive methods employed by historians in their analyses of this unique religious phenomenon. (Same as American Studies 373.) *4 sem. hrs.*

RELG 374 Religion and the American Environment

Advanced research seminar examining conceptions of the natural world in selected North American religious traditions. Topics may include Native American religions, Puritanism, Transcendentalism, the Hudson River School of landscape painting, early conservationists, the Beat Poets, and contemporary radical ecology movements. *4 sem. hrs.*

RELG 375 Cults, Communes and Utopias in Early America

Advanced study of early American sectarian movements, including the 'immortalists' of New England, the Ephrata Cloister, the Mormons, the Shakers, and the Oneida Community, based on their original writings, literature, music, art and architecture. Participants design and execute a research project based on Boatwright Library's extensive collection of Shaker manuscripts. (Same as American Studies 375.) *4 sem. hrs.*

RELG 388 Individual Internship

Application of academic skills and theories in placement supervised by Religion Department faculty member. Application must be presented to and approved by the department prior to internship. *1-4 sem. hrs.*

RELG 393-394 Selected Topics

Special course offered when sufficient student interest exists in subject matter not covered in other religion courses. May be repeated for credit when topics vary. *Prerequisite:* Permission of instructor. *1-4/1-4 sem. hrs.*

RELG 395-396 Independent Study

Specialized study to provide maximum freedom in research and investigation. *Prerequisite:* Permission of instructor. *1-4/1-4 sem. hrs.*

RELG 400 Majors Seminar

Advanced seminar on theories and methods in the study, focusing on classical and contemporary texts and arguments. Offered in the Fall only. *4 sem. hrs.*

RELG 401 Majors Colloquium

Senior Religion majors and members of the department will meet to discuss ongoing research projects, including issues of theory, method, sources and critical analysis, leading to the senior paper. Offered in the Spring only. *Prerequisite:* Religion 400. *4 sem. hrs.*

RELG 403-404 Honors Course

Those majors accepted into the Honors Program will undertake guided, in-depth research, usually beginning in the fall of the senior year and culminating in the oral defense of the Honors thesis in the spring. The Honors thesis constitutes the senior paper. Those planning to complete coursework in December must make arrangements to complete the Honors Program in or before the fall of the senior year. *Prerequisite:* Student must be invited to apply for Honors. 4-4 sem. hrs.

RHETORIC AND COMMUNICATION STUDIES*Department of Rhetoric and Communication Studies*

MariLee Mifsud, Chair

Associate Professors Johnson, Mifsud

Assistant Professors Achter, Bhatt

Director of Speech Center Hobgood

Director of Debate Kuswa

The Rhetoric and Communication Studies Major

Note: Prior to admission to the major a grade of C+ (2.3) or higher must be achieved in both RHCS 101 and RHCS 102, or permission from the department must be obtained. GPA in the major must be 2.0 or higher, with no course grade below a C- (1.7) counting toward the major.

Thirty-four semester hours as follows:

Nineteen semester hours of required RHCS courses including

- RHCS 101 Rhetoric and Public Address
- RHCS 102 Interpersonal Communication
- RHCS 290 Questions in Communication
- RHCS 295* Topics in Research (repeated for a total of six hours)
- RHCS 490 Senior Capstone

(*Note prerequisite for RHCS 295: MATH 119.)

AND

At least 15 semester hours of RHCS elective courses approved by the department. At least nine hours of electives must be at or above the 300 level. Elective courses may be drawn from either the Rhetoric or the Communication Studies categories, with a minimum of six semester hours required from each category.

Limitations: RHCS 412/413 Seminars and RHCS 295 Topics in Research may be counted more than once toward the major. No more than three semester hours each of internship and independent study may count toward the major. Internships are strongly recommended and are graded pass/fail. Practicum credits will not count toward the major and are graded pass/fail.

The Rhetoric and Communication Studies Minor

Twenty-one semester hours in Rhetoric and Communication Studies including

- RHCS 101 Rhetoric and Public Address
- RHCS 102 Interpersonal Communication
- RHCS 290 Questions in Communication
- Nine elective hours, at least six of which must be at or above the 300 level.

No credit toward the minor will be awarded for internships or practica.

Rhetoric Courses

- RHCS 101 Rhetoric and Public Address
- RHCS 201 Argumentation and Debate
- RHCS 221 Business and Professional Speech
- RHCS 309 Persuasion
- RHCS 323 Classical Rhetoric
- RHCS 325 Medieval to Modern Rhetorics
- RHCS 327 Contemporary Perspectives on Rhetoric
- RHCS 333 Theory and Pedagogy
- RHCS 341 Speech Writing
- RHCS 343 Rhetoric and Politics
- RHCS 345 Rhetoric of Terrorism, (In)Security and the State
- RHCS 353 Rhetoric and Law
- RHCS 363 Rhetoric and Culture
- RHCS 387 Independent Study in Rhetoric
- RHCS 413 Rhetoric Seminar

Communication Studies Courses

- RHCS 102 Interpersonal Communication
- RHCS 210 Group Communication
- RHCS 300 Communication Theory
- RHCS 302 Advanced Theories in Interpersonal Communication
- RHCS 322 Communication, Distance and Technology
- RHCS 330 Organizational Communication
- RHCS 340 Culture and Communication
- RHCS 342 Gender and Communication
- RHCS 350 International Communication
- RHCS 352 Family Communication
- RHCS 386 Independent Study in Communication Studies
- RHCS 412 Communication Studies Seminar

Other Courses

- RHCS 290 Questions in Communication
- RHCS 295 Topics in Research
- RHCS 332 Practicum
- RHCS 388 Individual Internship
- RHCS 490 Senior Capstone
- RHCS 498-499 Honors Thesis Writing

COURSES**RHCS 101 Rhetoric and Public Address**

Introduction to rhetoric as an idea and a practice. Emphasizes theories of rhetorical design processes, in particular, theories of invention, arrangement, style, memory and delivery. Includes weekly practicum. 4 sem. hrs.

RHCS 102 Interpersonal Communication

Survey of theory and practice relating to one-to-one communication. Exploration of role of communication and meaning in development of self, perceptions and relationships. Introduction to social scientific study of communication. Includes lab-based practicum. 4 sem. hrs. (FSSA)

RHCS 201 Argumentation and Debate

In-depth introduction to principles of public advocacy. Emphasizing both theory and skills, the course includes casewriting, presentation, analysis, refutation, cross-examination and logical fallacies. 3 sem. hrs.

RHCS 210 Group Communication

Group communication theory and methodology; participation in group discussion relating theory to specific communication problems. 3 sem. hrs.

RHCS 221 Business and Professional Speech

Making the business presentation and giving the corporate advocacy speech. Application to workplace of skills in listening, problem solving, interviewing, conducting meetings. *Prerequisite:* Rhetoric and Communication Studies 101. 3 sem. hrs.

RHCS 290 Questions in Communication

Provides an intellectual bridge between Rhetoric and Communication Studies by examining five major themes of interrogation relevant to scholars across the discipline. Through these five themes, the course will weave together theories and histories to provide students with introduction to rhetoric and communication studies. Required for all RHCS majors and minors. *Prerequisite:* Rhetoric and Communication Studies 101 or 102. 4 sem. hrs.

RHCS 295 Topics in Research

These topical courses focus on theory and practice of selected research methods (e.g. rhetorical criticism, ethnography, interview and survey methods, etc.), providing students with critical understanding of published research, a grounding in research methodology, and a working knowledge of the research process. *Prerequisite:* Math 119. May be repeated for credit; majors are required to take six hours of RHCS 295. 3 sem. hrs.

RHCS 300 Communication Theory

Survey of leading human communication theories

put forward in varied areas of communication behavior, including interpersonal, group and public communication. *Prerequisite:* Rhetoric and Communication Studies 102. 3 sem. hrs.

RHCS 302 Advanced Theories in Interpersonal Communication

In-depth exploration of specific theories in area of interpersonal communications. Will focus on role of communication in creating, maintaining, repairing and transforming individual's sense of self and other. From this foundation, students will explore essence of dialogue through works of Buber, Bakhtin, Arnett and Baxter. *Prerequisite:* Rhetoric and Communication Studies 102. 3 sem. hrs.

RHCS 309 Persuasion

Examines theories of motivation, audience, and message creation to enhance abilities to understand, critique, and design persuasive discourse. Includes study of advertising, politics, workplace, and interpersonal relations. *Prerequisite:* Rhetoric and Communication Studies 101. 3 sem. hrs.

RHCS 322 Communication, Distance and Technology

Explores concepts such as communication, presence, absence, time, space and relationship. Students will examine theory and research concerning long-distance friendships and families, computer-mediated communication, community building, physical and emotional presence, and relational connection. Although emphasis will be on reviewing existing literature on topics and formulating unique questions and theories, students also will consider their own experiences and apply course material to their everyday lives. *Prerequisite:* Rhetoric and Communication Studies 102. 3 sem. hrs.

RHCS 323 Classical Rhetoric

Roots of modern rhetorical theory in writings of Greek and Roman teachers of rhetoric. 3 sem. hrs.

RHCS 325 Medieval to Modern Rhetorics

Introduction to nature, scope, function and value of rhetorical theory in Medieval, Renaissance and Enlightenment cultures. Key figures include St. Augustine, Boethius, Trebizond, Peter Ramus, Giambattista Vico, George Campbell, Hugh Blair and Richard Whately. 3 sem. hrs.

RHCS 327 Contemporary Perspectives on Rhetoric

Survey of leading contemporary rhetorical theorists with emphasis on those who provide alternative views to classical and neo-Aristotelian theories, including symbolic interactionist approaches, postmodern approaches and critical approaches. *Prerequisite:* Rhetoric and Communication Studies 101. 3 sem. hrs.

RHCS 330 Organizational Communication

Presents fundamental principles of organizational communication theory, methods and practices, applied to concrete examples from organizational experience. *Prerequisite:* Rhetoric and Communication Studies 102. *3 sem. hrs.*

RHCS 332 Practicum

Understanding communication through practical oral performance, debate, oral interpretation, public address. Fifty hours of work for one hour of practicum credit. Includes research and written work appropriate to the speech activity involved. Eight hours maximum credit. Graded pass/fail only. *Restriction:* Does not count for Rhetoric and Communication Studies major or minor. *Prerequisite:* Permission of Department. *1-3 sem. hrs.*

RHCS 333 Theory and Pedagogy

For students who have successfully applied for positions as student consultants and speech fellows at the Speech Center. *4 sem. hrs.*

RHCS 340 Culture and Communication

Studies dynamics of intercultural communication. Emphasis on familiarizing students with issues relating to diversity and improving students' skills in communicating across cultural barriers. *Prerequisite:* Rhetoric and Communication Studies 102. *3 sem. hrs.*

RHCS 341 Speech Writing

History of professional speech writing from classical times to present. Attention to status and impact of modern political and business speech writers. Emphasis on writer/speaker relationship, audience analysis, speech structure, use of data and writing in an oral style. *Prerequisite:* Rhetoric and Communication Studies 101. *3 sem. hrs.*

RHCS 342 Gender and Communication

Focus on how gender is constructed and communicated in our daily lives through influences and institutions such as interpersonal relationships, the family, media, education and religion. Theoretical work, empirical research, personal experiences and media all will be utilized in discussions of gender and its impact on everyday interactions. Students will explore major theoretical developments concerning gender and communication from varied perspectives and disciplines. *Prerequisite:* Rhetoric and Communication Studies 102. *3 sem. hrs.*

RHCS 343 Rhetoric and Politics

Analysis of American political systems from rhetorical perspective using several theoretical frameworks and applied research. Examine interpretive processes on which political arguments and ideologies are based.

Study impact of language on issues, candidates and campaigns. Develop perspective of government's role in the "ongoing conversation" of politics and evaluate rules, choices and strategies employed in different political arenas. *Prerequisite:* Rhetoric and Communication Studies 101. *3 sem. hrs.*

RHCS 345 Rhetoric of Terrorism, (In)Security and the State

Expands student perspectives and broadens their bases of information regarding violence, terrorism, and homeland security. What is violence? Is it avoidable? Can it ever be justified? Does terrorism operate exclusively through fear? Can speech be violent, "terroristic" or fear-inducing? How does a rhetorical perspective tie together the symbolic and the real? What is homeland security and how can it be achieved? These and other questions will be addressed. *Prerequisite:* Rhetoric and Communication Studies 101. *3 sem. hrs.*

RHCS 350 International Communication

Examines the elements shaping international communication in contemporary society. Focusing on ways in which technology, media and nation influence one's identity and reality. Specifically examines communication between nations and cultural groups. *Prerequisite:* Rhetoric and Communication Studies 102. *3 sem. hrs.*

RHCS 352 Family Communication

Critical exploration of the communication processes that create, define and maintain the family, with attention to relevant social scientific and humanistic theory and research. *Prerequisite:* Rhetoric and Communication Studies 102. *3 sem. hrs.*

RHCS 353 Rhetoric and Law

Inquiry into the law from rhetorical perspectives, using the history and theory of rhetoric and its long-standing association with law and justice. Examination of interpretive processes on which legal arguments and ideologies are based. Exploration of the language of legal argument, court decisions, and of the role of rhetoric and the law in shaping of public life and social justice. *Prerequisite:* Rhetoric and Communication Studies 101. *3 sem. hrs.*

RHCS 363 Rhetoric and Culture

Engages students in an inquiry into the rhetoric of culture. Includes exploration of rhetoric of cultural performance ranging from popular culture in various media to the public memorials, rituals and institutions that shape norms of culture. Also explores the rhetoric of elements of culture such as race, class, gender and sexual orientation. *Prerequisite:* Rhetoric and Communication Studies 101. *3 sem. hrs.*

RHCS 386 Independent Study in Communication Studies

Restriction: No more than 3 semester hours of independent study may count toward the major or minor.
Prerequisite: Permission of instructor. 1-3 sem. hrs.

RHCS 387 Independent Study in Rhetoric

Restriction: No more than 3 semester hours of independent study may count toward the major or minor.
Prerequisite: Permission of instructor. 1-3 sem. hrs.

RHCS 388 Individual Internship

Practical application of speech communication principles and skills in a supervised, out-of-class environment. Graded pass/fail only. *Restriction:* No more than 3 semester hours of internship may count toward Rhetoric and Communication Studies major. Open to majors and minors only, but does not count toward the Rhetoric and Communication Studies minor. *Prerequisite:* Faculty approval before beginning work. 1-3 sem. hrs.

RHCS 412 Communication Studies Seminar

Special topics courses in areas such as conflict management, interpersonal communication and family communication. *May be repeated for credit.* *Prerequisite:* Rhetoric and Communication Studies 102. 3 sem. hrs.

RHCS 413 Rhetoric Seminar

Special topics courses in areas such as rhetoric in film, history of rhetoric and rhetorical theory. *May be repeated for credit.* *Prerequisite:* Established by instructor. 3 sem. hrs.

RHCS 490 Senior Capstone

Capstone experience for RHCS majors involving critical response to selected questions, presentation of a six to eight minute speech in defense of a thesis and additional defense of the thesis in interpersonal interaction with a faculty panel. *Prerequisites:* Senior standing, RHCS majors only. 1 sem. hr.

RHCS 498-499 Honors Thesis Writing

Advanced research and writing opportunity for Departmental Honors students. Requires completion and presentation of honors thesis. *Prerequisite:* Membership in departmental honors program. 3-3 sem. hrs.

RUSSIAN STUDIES PROGRAM***Department of Modern Literatures and Cultures***

Associate Professors Howell, Troncale

This section contains information specific to the degree programs in Russian Studies. For full information regarding departmental policies relevant to all the MLC degree programs, study abroad and course sequencing, see the main page of the Department of Modern Literatures and Cultures.

Study Abroad

Study and travel abroad are strongly encouraged for all students. The department offers summer study programs in China, France, Germany, Japan and Russia. In addition, there are exchange agreements for study during the academic year in France, Germany, Japan, Quebec and Russia; others are being negotiated. For a complete list, contact the Office of International Education.

Introductory courses in literature, numbered 321-332, fulfill the Literary Studies field-of-study requirement in the general education curriculum.

Russian Studies Major

Note: The grade point average of the coursework comprising the major or minor must be no less than 2.00 with no course grade below C- (1.7).

Required: Nine courses distributed among language, literary and cultural studies, and area studies across the curriculum:

- A. At least two courses chosen from:
- RUSN 301 Conversation and Composition
 - RUSN 311 Russian Language in Culture
 - RUSN 401-402 Advanced language courses, usually transferred from Study Abroad
 - RUSN 421 Reading Russian Literature in the Original *

* native speakers who elect a Russian Studies major cannot take 301-311 or 401-402, but should take RUSN 421 or a similar course abroad.

- B. At least four courses chosen from:
- RUSN 321 Introduction to 19th-century Russian Literature
 - RUSN 322 Introduction to 20th-century Russian Literature
 - RUSN 312 Soviet Culture and Civilization
 - RUSN 331 Russian Film
 - RUSN 332 Russian Painting
 - RUSN 333 Selected Topics in Russian and East European Culture
 - HIST 236 Russian Empire, USSR and After
 - HIST 246 Russian Revolution
 - HIST 299 or 399 Special Topic seminars in Russian/Eastern European Studies (e.g. Stalinism)
- C. Remaining three courses may be selected from categories A and B above, or from the following:
- ART 317 Nineteenth-Century Art
 - ART 318 Twentieth-Century Art
 - ART 324 Art Histories (Special Topics: When Relevant to REES)
 - HIST 245 Modern Balkans
 - HIST 324 Text and Context: Anna Karenina and Her World

- GEOG 320 Power, Space and Territory: Geographies of Political Change
- PHIL 275 Marx, Nietzsche and Freud
- PHIL 336 19th-Century European Philosophy
- PLSC 312 Modern Political Theory
- PLSC 356 International Political Economy

Other relevant courses may be accepted for the major with the approval of the Russian Studies faculty.

D. Study Abroad

Study in Russia (or approved program in NIS or Eastern Europe) is required for all Russian Studies majors. Several options are available through the Russian Studies program and through the Office of International Education. Russian Studies offers a regular summer or semester study program in St. Petersburg.

E. Capstone experience

To provide seniors with the opportunity to bring together all the various strands of their work in the Russian Studies major, they will have the following options in consultation with and under the guidance of the faculty:

1. To present a research paper at the Arts and Sciences Annual Student Research Symposium
2. To present a research paper at the annual Southern Conference on Slavic Studies held each spring
3. To prepare a portfolio

All three options have as their goal a rigorous synthesis of the students' work in the major.

Related Majors

Combined Major in Russian and English Literature is intended for students who wish to pursue in-depth work in both languages and literary traditions.

Russian Studies Minor

Note: The grade point average of the coursework comprising the minor must be no less than 2.00 with no course grade below C- (1.70).

Five courses selected at the 300 and 400 level.

COURSES

RUSN 101-102 Elementary Russian.

Introduction to Russian language and culture. *Prerequisite:* Russian 101 is prerequisite to 102. 4-4 sem. hrs.

RUSN 201-202 Intermediate Russian

Active practice and reinforcement of language skills and study of culture. *Prerequisite:* Russian 102 or permission of department. Russian 201 is prerequisite to 202. 4-4 sem. hrs. (202 only, COM2)

RUSN 301 Russian Conversation

Emphasizes development of spoken Russian and comprehension of contemporary Russian within cultural context. *Prerequisite:* Russian 202 or permission of department. 4 sem. hrs.

RUSN 311 Russian Language in Culture

Introduction to contemporary topical issues from the perspective of historical patterns in Russian culture. Topics include Russian family life, youth culture, contemporary media and marketing, women in the work place, etc. Primary and secondary materials place practical emphasis on vocabulary building and the development of written compositional skills. *Prerequisite:* Russian 202 or permission of instructor. 4 sem. hrs.

RUSN 312 Russian Culture and Civilization

An introduction to contemporary issues in Russia and the territory of the former Soviet Union from an interdisciplinary perspective. The development of Russian civilization is considered from perspectives of the arts, history, religion, philosophy, women's issues and environmental and social challenges. Taught in English; open to all students. 4 sem. hrs. (FSHT)

RUSN 321 Introduction to Nineteenth-Century Russian Literature

Introduction to Russian literature and critical literary analysis. Pushkin, Gogol, Dostoevsky, Tolstoy, Chekhov and others. Taught in English. 4 sem. hrs. (FSLT)

RUSN 322 Introduction to Twentieth-Century and Contemporary Russian Literature

Introduction to Russian literature and critical literary analysis. Includes Modernism, Soviet Socialist Realism and contemporary Russian fiction. Taught in English. 4 sem. hrs. (FSLT)

RUSN 331 Russian Cinema

(See Modern Literatures and Cultures 331.) 4 sem. hrs.

RUSN 332 Russian Painting

(See Modern Literatures and Cultures 332.) 4 sem. hrs. (FSHT)

RUSN 388 Individual Internship

(See Modern Literatures and Cultures 388.) *Prerequisite:* Audition/permission of department. 1-2 sem. hrs.

RUSN 401-402 Advanced Russian

Discussion in Russian at advanced level of selected topics and readings in Russian literature. *Prerequisite:* Permission of instructor. 4-4 sem. hrs.

RUSN 421-422 Russian Literature in the Original

First semester: Literature prior to 1917. Second semester: Soviet period. Textual selections from major Russian authors read and discussed in Russian. *Prerequisite:* Permission of instructor. 4-4 sem. hrs.

RUSN 495 Independent Study

Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. 1-4 sem. hrs.

RUSN 497 Selected Topics

Special interest topics offered at department's discretion. *Prerequisite:* Permission of department. 1-4 sem. hrs.

SOCIOLOGY**Department of Sociology and Anthropology**

Joan Neff, Chair

Associate Professors Neff, Nourse, Obi, Wharton

Assistant Professors Hass, Ransom

Professionals from the field are employed as adjunct

faculty. Upper-level courses are taught on a rotating basis.

Sociology is the systematic study of social life in order to understand the causes and consequences of human action. Sociologists study the structure and processes of modern, industrial societies. They examine how social structures (groups, organizations and communities) and social institutions (family, education, religion, etc.) affect human attitudes, actions and life-chances. Sociologists use various theoretical perspectives to understand such areas as culture, socialization, conformity and deviance, inequality, family patterns, race and ethnic relations, and social change. Combining theoretical perspectives with empirical research allows constant testing and refinement of the body of knowledge that comprises the field of sociology. Sociology offers students an opportunity to develop new insights and a different perspective on their lives and to understand everyday social life as a combination of both stable patterns of interaction and ubiquitous sources of social change.

The Sociology Major

Note: The grade point average of the sociology coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.7).

Requirements:

Ten courses, including

- SOC 101 Foundations of Society: Introduction to Sociological Analysis
- SOC 211 Sociological Research Methods and Data Analysis
- SOC 221 Sociological Theory
- Either three courses within a single area concentration and three additional courses *or* one course from each of the three areas of concentration and three additional courses
- SOC 401 Capstone Experience

Notes:

- Majors who complete the concentration option must take one elective from each of the other two concentration areas.

- Only one 200-level course may be taken within any single concentration.
- No more than two 200-level courses, excluding SOC 211 and SOC 221, may be taken for credit toward the Sociology major.
- No more than two anthropology courses may be counted towards the major.
- Students must earn a grade of C or better in either SOC 211 or SOC 221 in order to take 300-level sociology courses.
- Students must earn a grade of C in both SOC 211 and SOC 221 in order to take 400-level sociology courses.
- No more than three courses may be taken at other institutions, including study abroad institutions.

Concentrations**Power, Inequality and Diversity**

- SOC 216 Social Inequalities
 SOC 302 Social Movements
 SOC 316 Race and Ethnicity
 SOC 319 Social Constructions of Gender and Sexuality
 SOC 379 Critical White Studies
 ANTH 300 Sex and Gender in Cross-Cultural Perspectives
 ANTH 336 Big Men, Chiefs and Presidents: Political Anthropology

Regional and Global Studies

- SOC 230 Introduction to the Study of Africa
 SOC 379 Understanding Globalization
 SOC 379 Development and Social Change
 ANTH 307 Introduction to Native Peoples of the Americas
 ANTH 308 Cultures and Peoples of Latin America
 ANTH 338 Peoples of Africa
 ANTH 339 Peoples of the Pacific
 ANTH 340 Peoples of Southeast Asia
 ANTH 379 Cultures and Peoples of the Middle East

Social Institutions and Structures

- SOC 206 Conformity, Deviance and Institutions of Social Control
 SOC 303 Sociology of Families
 SOC 310 Crime and Justice in a Post-Modern Society
 SOC 313 Field Investigation of the Juvenile and Adult Criminal Justice Systems
 SOC 320 Sociology of Religion
 SOC 324 Law and Society
 SOC 329 Education and Society
 SOC 330 Work and Society
 SOC 379 Work, Occupations and Professions
 SOC 379 Mass Media and Popular Culture
 SOC 379 Corporate Culture
 ANTH 304 Ritual, Witchcraft and Divination

Electives

SOC 309 Social Problems

SOC 311 Juvenile Delinquency

COURSES**SOC 101 Foundations of Society: Introduction to Sociological Analysis**

Fundamental concepts and principles of sociology. Culture, socialization, social structure, stratification, social control, institutions, population and social change. *4 sem. hrs.* (ESSA)

SOC 206 Conformity, Deviance and Institutions of Social Control

Informal and formal pressures to conform to, as well as deviate from, societal norms; social control institutions. *Prerequisite:* Sociology 101. *4 sem. hrs.*

SOC 211 Sociological Research Methods and Data Analysis

Introduction to the major methods of conducting sociological research with a primary emphasis on quantitative data collection and analysis. *Prerequisites:* Sociology 101 or Anthropology 101 and Math 119. *4 sem. hrs.*

SOC 216 Social Inequalities

Examination of how class, race and gender structure everyday life experiences and social institutions. *Prerequisite:* Sociology 101. *4 sem. hrs.*

SOC 221 Sociological Theory

History of sociological thought; major theoretical perspectives, both classical and contemporary. *Prerequisites:* Sociology 101 or Anthropology 101. *4 sem. hrs.*

SOC 230 Introduction to Africa: The Sociology of Africa

(See International Studies 230.) *3 sem. hrs.*

SOC 279 Selected Topics in Sociology

Various topics in the field of sociology. Course may be repeated for credit if topics are different. *Prerequisite:* Sociology 101. *4 sem. hrs.*

SOC 302 Social Movements

Examination of various types of social movements and theoretical perspectives that explain them. Includes movement origins, structure and organization, goals and strategies, how movements change, and how they affect the larger society. Analysis of social, economic and political contexts in which movements develop. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. *3 sem. hrs.*

SOC 303 Sociology of Families

Family as a social institution; historical, social class, ethnic, racial, economic contexts and variations.

Intersection with religious, state and educational institutions. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. *3 sem. hrs.*

SOC 309 Social Problems

Personal-social disorganization and maladjustment: physical and mental handicaps, economic inadequacies and programs and methods of social treatment and control. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. *3 sem. hrs.*

SOC 310 Crime and Justice in a Post-Modern Society

Prevalence and distribution of crime, theories of crime, forms of criminal behavior, overview of the criminal justice system. *Prerequisite:* Sociology 101. *4 sem. hrs.*

SOC 311 Juvenile Delinquency

Meaning of juvenile delinquency; measurement, prevalence and distribution of juvenile delinquency; theories of delinquency; police actions; court actions; and juvenile institutions. *Prerequisite:* Sociology 101. *3 sem. hrs.*

SOC 313 Field Investigation of the Juvenile and Adult Criminal Justice Systems

Steps in adult and juvenile criminal justice processes from arrest through court procedures, incarceration. Innovative rehabilitative treatments. Students participate in series of field experiences. Readings from sociological literature. (Offered in Summer only.) *Prerequisite:* Sociology 101 or permission of instructor. *3 sem. hrs.*

SOC 316 Race and Ethnicity in America

Native peoples; immigration and settlement of U.S.; racial and ethnic groups; prejudice and discrimination; race relations in a racially and culturally diverse society. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. *3 sem. hrs.*

SOC 319 Social Constructions of Gender and Sexuality

Gender and Sexuality as social institutions, biological factors, social contexts of gender and sexuality, socialization, relationships, work, changes and possibilities. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. *4 sem. hrs.*

SOC 320 Sociology of Religion

Religion and society; social nature of religious phenomena; interaction of religious beliefs and practices with secular societies; interplay of religion and politics in American experience; social functions of mainstream religion; emergence of new religious movements. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. *3 sem. hrs.*

SOC 324 Law and Society

Variations within and between legal systems, social nature of the legal system, the legal profession and sociological issues within civil and criminal law. *Prerequisite:* Sociology 101. 4 sem. hrs.

SOC 326-327 Directed Independent Study

Prerequisite: Sociology 211 or 221 with a grade of C or better. 1-4 sem. hrs.

SOC 329 Education and Society

The school as system; changing organizational forms; public and private education; functions in society; key problem areas are gender, social class, ethnic cultural background effects. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. 3 sem. hrs.

SOC 330 Work and Society

Examines structure and role of work in American life. Topics include: career choices; occupational socialization and commitment; culture and organization of the workplace; processes of social stratification and issues of gender, race and age discrimination in the workplace; organization of professional occupations; larger social forces that shape the world of work; the changing nature of work; and intersection of work with other areas of one's life. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. 3 sem. hrs.

SOC 332 Selected Topics in Ethnic Studies

Explores in-depth topics in field of ethnic studies. Possible topics include: Latino Studies, Asian-American Studies, African-American Studies, migration issues, social adaptation and integration, and issues of racism and segregation. Focus may be on the American experience on ethnic issues in their regional or global dimensions. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. 3 sem. hrs.

SOC 345 Society, Economy and Nature: Global Perspectives on Sustainable Development

(See Geography 345. Same as Environmental Studies 345.) *Prerequisite:* Geography 210 or Environmental Studies 201 or Sociology 101. 3 sem. hrs.

SOC 355 Sport in Society

Foundation for critical understanding of and appreciation for centrality and importance of sport in contemporary society. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. 3 sem. hrs.

SOC 371 Urban Ecology

(See Biology 371.) 3 sem. hrs.

SOC 379 Selected Topics

Various topics in the field of sociology. Course may be repeated for credit if topics are different. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. 4 sem. hrs.

SOC 388 Individual Internship

Supervised independent field work. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. 4 sem. hrs.

SOC 389 Research Practicum

For junior- or senior-level majors. Work closely with professor on research project: design, data collection, data analysis. *Prerequisite:* Sociology 211 or 221 with a grade of C or better. 1-4 sem. hrs.

SOC 401 Capstone Experience

Senior capstone experience to complete sociology major. *Prerequisites:* Senior standing and Sociology 211 and 221 with a grade of C or better. 4 sem. hrs.

SPANISH PROGRAM

Department of Latin American and Iberian Studies

Claudia Ferman, Chair

Associate Professors Feldman, Ferman, Hermida-Ruiz

Assistant Professors Abreu, Kaempfer

Director of Intensive Language Program Peebles

Director of Community Outreach Lawrence

Study Abroad

Study and travel abroad are strongly encouraged for all students. The department offers summer study programs in Argentina and Spain. In addition, there are exchange agreements for study during the academic year in Argentina, Chile, Mexico and Spain. For a complete list, contact the Office of International Education.

Introductory courses in literature, numbered 321-332, fulfill the Literary Studies field-of-study requirement in the general education curriculum.

Spanish Major

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.70).

Requirements:

A minimum of nine courses are required for the major, divided as follows

- Two content-based language courses emphasizing speaking, reading and writing (SPAN 301-306)
- One of either SPAN 311 or SPAN 312
- One SPAN Introduction to Literature course
- Three 400-level seminars in literature and/or culture
- Two electives

Additional requirements for majors

- For students studying abroad for a semester or a year, at least one 400-level Spanish course must be taken upon return to the University of Richmond
- A maximum of four non-University of Richmond courses can be transferred towards the Spanish major

- All declared majors need to have completed at least three Spanish courses at the 300-level in order to transfer credit from a study abroad program

Note on Portuguese: Spanish 390, Portuguese for Spanish Speakers, is an accelerated language course aimed at students already fluent in Spanish (either heritage speakers or students who have completed at least one 400-level Spanish course). Spanish 391, Luso-Brazilian Readings, is a follow up course to develop reading skills. Both Portuguese courses may be taken for elective credit toward the Spanish major. Contact Professor Dixon Abreu if interested.

Note on service learning credit: Service learning options are available for all Spanish majors and minors.

Spanish Major/International Business Option

(Earned in conjunction with a major in the Robins School of Business with an International Business concentration.)

Requirements:

- Three 300-level courses (at least one Introduction to Literature), normally taken prior to study abroad
- One semester of full-time study at an approved business school (with all-Spanish curriculum) in a Spanish-speaking country
- Two 400-level seminars upon return to University of Richmond

The Spanish Major/International Business Option represents a joint project between the Department of Latin American and Iberian Studies in the School of Arts and Sciences and the International Business Program in the Robins School of Business. The curriculum includes a semester abroad at one of the University's partner institutions (for example, Universidad Torcuato Di Tella in Argentina, Universidad de Deusto in Spain, or Instituto Tecnológico y de Estudios Superiores de Monterrey in Mexico). At such institutions, students will continue their Robins School concentrations in classes with both local and other international students.

In order to prepare for the experience abroad, students in Spanish will have a solid base of 300-level courses (see above) taken on the Richmond campus. Upon return they will broaden their knowledge of literary and cultural studies through advanced seminars as well as additional Robins School coursework. The Spanish component of this program thus consists of five courses taken on campus plus four to five taken abroad, or the equivalent of a nine-course major in Latin American and Iberian Studies.

Related Majors

See International Studies curriculum for International Studies: Latin American Studies major.

Spanish Minor

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.70).

Four courses at the 300 level, including one Introduction to Latin American or Iberian Cultural Studies (SPAN 311 or 312), and one Latin American and Iberian Studies Introduction to Literature (SPAN 321, 331, or 332); and a fifth course above the SPAN 310-level.

All minors need to have completed two courses at the 300 level at the University of Richmond in order to transfer credit from a study abroad program.

Spanish Curriculum for Students with Advanced or Superior Proficiency in Spanish

The following curriculum is designed for students entering the University with advanced or superior proficiency in Spanish. This includes native speakers, heritage speakers and students who have acquired competency through residence in a Spanish-speaking country. Determination of student placement in the above categories is made by the Spanish faculty.

Students who demonstrate advanced or superior proficiency and who are pursuing a major or minor in Spanish must begin the program above Spanish 310 for a major or minor. The language requirement for the major and minor is thus waived; however, the total number of hours required remains the same.

Students who demonstrate advanced or superior proficiency and who wish to take Spanish courses as electives (not pursuing a major or minor) must follow the same criteria.

COURSES

SPAN 121 Intensive Elementary Spanish

For students with no prior experience studying the Spanish language. Stresses development of skills in understanding, speaking, reading and writing in a fast-paced environment which includes an introduction to the cultures of the Spanish-speaking world. Taught in Spanish, with two additional weekly practice sessions. *6 sem. hrs.*

SPAN 221 Intensive Intermediate Spanish

Stresses further development of language production and reception skills through expanded creative activities including class discussions, written compositions and in-class presentations. The cultural component includes readings, films and Web-based authentic materials from the Spanish-speaking world. Taught in Spanish, with two additional weekly practice sessions. *Prerequisite:* Spanish 121 or permission of department. *6 sem. hrs. (COM2)*

Students interested in enrolling at the 300 and 400 levels are strongly encouraged to consult an advisor in the Latin American and Iberian Studies Department before registration.

General prerequisites for Spanish 301-321: Spanish 221 or permission of the department. Enrollment in 300-level courses numbered 311 and higher will require the completion of two 300-level language course or the permission of department.

SPAN 301 Spanish in the Community

Development of aural, oral and written communication skills through the study of the Latin American immigrant experience. In addition to the classroom study of Hispanic immigrant literature, newspapers and films, students will participate in an Outreach Project in the local Hispanic community. Note: The service learning component may also be undertaken independently (1 credit hour). Contact the department for more information. *Prerequisite:* Spanish 221. 4 sem. hrs.

SPAN 302 Spanish through Literature

Development of aural, oral and written communication skills through literary texts of the Hispanic world. Students will read poems, short stories, plays and short novels and interpret them through class discussions and regular writing assignments. This is not an FSLT course. *Prerequisite:* Spanish 221. 4 sem. hrs.

SPAN 303 Spanish in the Media

Development of aural, oral and written communication skills through a focus on mass media in Spanish and Latin American culture. Spanish will be taught through direct contact with newspapers, journals, TV programming and films. Students are expected to participate actively in class debates and presentations, write on a regular basis and view all programs and films assigned by the instructor. *Prerequisite:* Spanish 221. 4 sem. hrs.

SPAN 304 Spanish at Play

Development of aural, oral and written communication skills analysis through the study and performance of contemporary theatre plays from Latin America. Special attention will be given to the discussion of the social, cultural, historical and political aspects of the texts studied, as well as their genre-specific characteristics. *Prerequisite:* Spanish 221. 4 sem. hrs.

SPAN 305 Spanish in Politics and Society

Development of aural, oral and written communication skills through the study and discussion of current events and issues in the Spanish-speaking world. *Prerequisite:* Spanish 221. 4 sem. hrs.

SPAN 306 Spanish in Business

Further developing aural and oral communication skills relative to commercial documents and transactions

commonly used in the Hispanic world. Practice in writing based on materials needed for conducting business in Spanish. *Prerequisite:* Spanish 221. 4 sem. hrs.

SPAN 311 Perspectives on Peoples and Cultures of Spain

Study of society, arts, history and ideas of Spain. *Prerequisite:* Spanish 221. 4 sem. hrs.

SPAN 312 Perspectives on Cultures and Nations of Latin America

Study of society, arts, history and ideas of Latin America. *Prerequisite:* Spanish 221. 4 sem. hrs.

SPAN 321 Literary Spain: Poetry, Drama, Fiction

Introduction to literary analysis within the cultural context of Spain. Critical tools for approaching specific literary genres: short story, novel, poetry, and drama. Readings are selected for their literary, cultural and historical significance. *Prerequisite:* One 300-level course in Spanish language. 4 sem. hrs. (FSLT)

SPAN 331-332 Introduction to Spanish-American Literature, I-II

Introduction to Spanish-American literature and critical literary analysis. Focus on primary texts dating from the 15th through 19th centuries (331); 20th century (332). *Prerequisite:* Two 300-level Spanish language courses (301-306). 4-4 sem. hrs. (FSLT)

SPAN 385 Spanish Writing Workshop

Analysis of grammatical structure of Spanish. Writing practice. *Prerequisites:* Two 300-level Spanish language courses (301-306). 4 sem. hrs.

SPAN 388 Individual Internship

Not to be counted as credit towards Spanish major or minor. *Prerequisite:* Admission by audition/permission of department. 1-3 sem. hrs.

SPAN 390 Portuguese for Spanish Speakers

Accelerated introduction to Brazilian Portuguese language and culture for students already proficient in Spanish. Focus on developing listening, speaking, reading and writing skills through the study of grammar and selected readings. *Prerequisite:* One Spanish course at the 400 level. 4 sem. hrs.

SPAN 391 Contemporary Luso-Brazilian Readings

Introduction to the literary and cultural productions of the seven Portuguese-speaking countries through the analysis of selected texts. A writing component is designed to further strengthen and develop students' Portuguese skills. Conducted in Portuguese. *Prerequisite:* Spanish 390. 4 sem. hrs.

SPAN 397 Selected Topics

Special interest topics offered at department's discretion. *Prerequisite:* Permission of department. 1-4 sem. hrs.

General prerequisite for all 400-level literature and culture courses: completion of at least two 300-level Spanish courses (301-306) and one Introduction to Literature course, or permission of the department.

SPAN 421 Arabs, Jews and Christians from Frontier to Empire: Medieval Spanish Literature

Analysis of the interaction between Christians, Jews and Muslims in the Spanish Peninsula from the establishment of Al-Andalus to the consolidation of the Spanish Empire. An analysis of this cultural period in light of the attention given (or not given) to it in contemporary historiography, either as an exemplary moment of religious tolerance or “Convivencia,” or as an early proof of what is now called “the Clash of Civilizations” or “Clash of Cultures.” *Prerequisites:* Two 300-level Spanish language courses (301-306) and one Spanish introduction to literature course. *4 sem. hrs.*

SPAN 431 Imperial Spain: The Age of Conflict

Study of literary responses to new constitution of Spain as Empire and new definitions of Spanish identity. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 432 True Lies: Fiction and Truth in Don Quijote

Study of Cervantes’ successful formula for the novel. Will analyze conflict between fiction and truth as basis for new realist novel proposed by Cervantes. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 451 Literature of Exile

Study of various meanings and experiences of exile in Spain. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 452 Spanish-American Poetic Texts

Study of communicative power of poetic language with special emphasis given to identification of basic tools for interpreting poetic texts and individual and general cultural milieu which each poem represents. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 462 Visions of Contemporary Spain

Study of cultures of contemporary Spain since the transition to democracy with special attention given to literature, film, theatre, art, popular culture and mass media. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 463 Modern Spanish Narrative

Study of representative narrative texts from the 19th to the 21st centuries. Emphasis on the technical and thematic innovations of the novel and the short story as well as the social and historical contexts that have shaped literary production. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 464 Modern Theatre in Spain

Study of written dramatic texts and performance traditions from Spain. Selections may include works from the 18th century to the present. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 465 Spanish Cinema

Study of significant Spanish films with special attention to their relationship to politics, culture, society and history. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 471 Latin American Cinema

Study of prominent examples of Latin American film production with special attention paid to aesthetic aspects of cinematographic language and cultural questions embodied in films examined. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 472 Contemporary Spanish-American Theater

Study of leading contemporary theatrical movements in Spanish America with focus on universal aspects of language of theater and uniqueness of Spanish-American themes and trends. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 475 Women and Writing in Latin America

Question of representation and self-representation of women in selected Spanish-American texts. Attention given to recently developed theories relevant to women’s writing and concerns. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 477 Literature of the Spanish-Speaking Caribbean

Study of texts representative of multiple ethnic and cultural influences (indigenous, European and African) at play in Caribbean basin. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 484 The Latin American Essay

This seminar examines the cultural history of Latin America and the construction of its intellectual traditions through the study of the essay. Special attention will be given to the definition of the genre within Spanish-American literature and its role in public debates from colonial to contemporary Latin America. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 485 Spanish-American Narrative

Study of representative Spanish-American novels and/or short stories from 19th and 20th centuries. Attention given to technical aspects of literary narrative as well as cultural contexts within which each work was created. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 486 U.S. Latino/a Literature

Comprehensive study of Hispanic Americans' struggle for identity in the light of their historical, ethnic, economic and cultural position in the United States. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 487 Latin America: Encounter and Conflict

Thematic study of representative Spanish-American texts, focusing on search for identity and confrontation occurring between different societies, systems of thought and cultures. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *4 sem. hrs.*

SPAN 495 Independent Study

Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

SPAN 497 Selected Topics

Special interest topics offered at department's discretion. *Prerequisites:* At least two 300-level Spanish courses (301-306) and one introduction to literature course. *1-4 sem. hrs.*

THEATRE**Department of Theatre and Dance**

Walter Schoen, Chair

Associate Professors Holland, Mike, Schoen, West

Director of Costume and Makeup Allen

Assistant Director of Costume and Makeup Pope

Director of Dance Daleng

Assistant Director of Dance Van Gelder

Associate Director of the Modlin Center for the Arts

Howson

Each year two professional guest artists join the faculty to work with students and in productions. Additional professionals from the field also are employed as adjunct faculty members. Upper-level courses are taught on a rotating basis.

The Theatre Major

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.7).

Thirty-seven semester hours, to include

- Diversity, four hours: THTR 210, 313 or 314
- History, six hours: THTR 309, 319 or 321
- Production, 12 hours: THTR 205, 306, or 407
- Performance, three hours: THTR 212, 308, 327 or 328; Dance 255, 256, 257, 259, 260, 261, 262, 263, 266, 267, 306, 361, 362, 363 or 366
- Technical Theatre, three hours: THTR 201, 206 or 213
- Theory, three hours: THTR 320, 325 or 370
- Theatre Design, three hours: THTR 202, 301, 302 or 322
- Elective, three hours: must be at the 300 level

Limitations

Theatre 330-341 (Practica) and 388 (Internship) cannot be counted in the major.

No course credit hours can be counted toward both a major in Theatre and a minor in Dance.

Related Fields

Interdisciplinary Concentration in Arts Technology for Studio Art, Music and Theatre Majors

Interdisciplinary Concentration in Arts Management for Studio Art, Art History, Music, Theatre and Dance Majors or Minors

Combined Major in Theatre and English Literature

The combined program in Theatre and English is intended for students who wish to pursue in-depth work in both areas.

The Theatre Minor

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.7).

Twenty-two semester hours:

- Diversity, four hours: THTR 210, 313 or 314
- Theatre History/Theory, six hours: THTR 309, 321 or 325
- Performance, three hours: Theatre 212, 308, 327 or 328; Dance 255, 256, 257, 259, 260, 261, 262, 263, 266, 267, 306, 361, 362, 363 or 366
- Technical Theatre/Design, three hours: THTR 201, 206, 213 or 320
- Electives in Theatre or Dance, three hours: must be at 300 level

Limitations

Theatre 315 (Independent Study), 330-341 (Practica) and 388 (Internship) cannot be counted in the minor.

Honors Program

Outstanding students with intellectual initiative and the desire to pursue academic achievement beyond standard coursework have the opportunity to broaden and deepen knowledge in selected major fields through the Honors Program. To qualify, a student should have at least a 3.30 cumulative grade point average, 65 or more semester hours completed and, excluding coursework primarily for first-year students, 12 or more semester hours completed with distinction in the major field. Students electing to fulfill requirements for the Honors Program in the Department of Theatre and Dance must designate at least six hours of honors credit through a combination of upper-level courses. This will require the student to do additional work over and above the normal requirements of the course. In addition, the student also must take Honors Thesis Preparation (THTR 380) and Honors Performance/Thesis (THTR 381). The student must have attained a departmental GPA of 3.30 by the beginning of the fall semester of the senior year. The student also must maintain that GPA through the completion of the program and an overall GPA of no less than 3.0 while in the program. Students should declare their intention to seek honors and meet with the Honors Coordinator in their sophomore year. Students who have not declared by the second semester of their junior year are disqualified from further honors consideration. Those who have declared that they are seeking honors will be considered candidates until they fail to meet one of the program's requirements. Successful completion of an Honors Program is shown on the student's permanent academic record and on the diploma.

COURSES**THTR 115 Theatre Appreciation**

Theatre as collaborative art from perspective of audience member as critic. Observation and evaluation of theatre work in progress and performance with accent on field study and interaction with theatre professionals. Lab component: eight hours, to be arranged. *3 sem. hrs.* (FSVP)

THTR 119 Broadway Musical Theatre

Survey of the Broadway Musical Theatre from 1920s to present day. Provides basic background in music theory and culminates with performance of a musical written and produced by class members. In addition to regular class meetings, weekly labs are held for rehearsals and presentation of special topics. (See Music 119.) *3 sem. hrs.* (FSVP)

THTR 201 Stagecraft

Technical aspects of scenery; theory and practical applications. Laboratory hours required. *3 sem. hrs.* (FSVP)

THTR 202 Stage Lighting

Mechanics and artistic aspects of stage lighting in theory and in practice; designing and executing light plots. Laboratory hours required. *3 sem. hrs.*

THTR 205 Production Studies I—Foundation of Theatre Principles

This course will examine the meaning of "art" to theatre/dance and the necessity of research, while exploring the elements of acting, directing, dance, scene design, lighting, costume design, makeup and sound design in theatre productions. The study of theatre history and theory will provide students with a framework for the analysis of text and performance. Also, students will learn methods for assembling a theatre portfolio that will represent their course work, research and creative projects. *6 sem. hrs.*

THTR 206 Introduction to Costume

Introduction to role of costume designer as collaborative artist in theatre process. Survey of historical implications for design. Basic skills of costume construction. Laboratory assignments with mainstage productions. *3 sem. hrs.* (FSVP)

THTR 210 Performing Diversity: A Cultural Odyssey

Further understanding of minority groups in America by investigating their social condition from an experiential base. Participants will explore existing portraits and issues associated with minorities as well as connect with important notions on cultural diversity in America. Special importance will be placed on celebrating ethnic achievements and lifestyles. Plays, poetry and other performance art forms (including cooking and dressing) will constitute significant class presentations. *4 sem. hrs.*

THTR 212 Basics of Acting

Basic methods of analysis and performance techniques necessary to generate believable human behavior on stage. Study of roots (mind/body processes), not ends of acting (performance). Class exercises to develop and discipline actor's physical, vocal and imaginative equipment. Laboratory assignments with major productions. *3 sem. hrs.* (FSVP)

THTR 213 Fundamentals of Stage Makeup

Art and application of theatrical makeup, realism to fantasy. Corrective makeup; specialty makeup (aging, scars, beards, animal faces). Laboratory assignments in conjunction with all major productions. *3 sem. hrs.*

THTR 301 Scene Design

Artistic aspects of stage setting in theory and in practice. Consideration of mechanical perspective, watercolor sketching, color schemes and history of period design. Laboratory hours required. *Prerequisite:* Theatre 205 or permission of instructor. *3 sem. hrs.* (FSVP)

THTR 302 Scene Painting

Study of function of scenic artist in theory and practice. Hands-on approach to scene painting. *Prerequisite:* Theatre 205 or permission of instructor. *3 sem. hrs.* (FSVP)

THTR 306 Production Studies II—Production Seminar

Will focus on analyzing, evaluating and preparing a text selected for production in main stage production season during current semester. Students will be assigned a major area of responsibility for that production. The director of the production will lead the seminar. *Prerequisite:* Theatre 205. *3 sem. hrs.*

THTR 308 Basics of Directing

Principles and techniques of directing the realistic modern play. Case studies and scene work. One-act play prepared for production by each student. Laboratory assignments with major productions. *Prerequisite:* Theatre 205 or permission of instructor. *4 sem. hrs.*

THTR 309 Theatre History I

Survey of theatre history from ancient Greece to 1780 Europe, with emphasis on representative plays, performance practices and theories, and the cultural, economic and political contexts from which they emerged. Lecture/discussion format. *3 sem. hrs.*

THTR 310 Managing Performing Arts Organizations.

(See Music 310.) *Prerequisite:* Theatre Major, Theatre Minor, Dance Minor, or permission of instructor. *3 sem. hrs.*

THTR 312 Special Topics

Representative topics: Acting for the Camera, Advanced Courses in Costume, Directing, Makeup, Critical Theory, Directing, Improvisation, Makeup, Performance Theory, Stage Combat. Can be taken more than once for credit if topic varies. *Prerequisite:* Theatre 205 or permission of instructor. *1-3 sem. hrs.*

THTR 313 Theatre for Social Change I

A practical and seminar class inspired by African and European models in Theatre for Development, a specialized field of drama focused on social development and grounded in participatory procedure. The activity involves research, analysis, scenario building and performance. Participants will be exposed to exercises in devising and performing work for impacting social

transformation. The course will highlight issues within the immediate environment as well as the larger Richmond community and practice will occur in both domains. *4 sem. hrs.*

THTR 314 Theatre for Social Change II

Designed to enable students to utilize and transfer the skills acquired in Theatre 313 into the larger community. Working in smaller groups, they are responsible for implementing and evaluating a theatre-centered project within the context of social and sustainable development. They will foster the creation of a play by community members on issues affecting their daily lives. Significant emphasis is given to cultivating an interaction with experts in related areas of concern towards galvanizing meaningful future growth in the selected community. *4 sem. hrs.*

THTR 315 Independent Study

Restriction: Prospectus must be submitted and approved prior to the end of advance registration. Does not count for Theatre or Dance minor. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

THTR 319 Theatre History II

A survey of theatre history from 1760 to the present, with emphasis on representative plays, performance practices and theories, and the cultural, economic and political contexts from which they emerged. Lecture/discussion format. *3 sem. hrs.*

THTR 320 Advanced Acting: Twentieth-Century Acting Styles and Theory

Concentrated scene study class that explores relationship between 20th-century dramatic literature and acting techniques and theories that developed to meet demands of these plays. By preparing scenes from various modern genres of theatre, acting students examine techniques and research methods necessary to unlock performance elements of the most demanding dramas of the last 100 years. *Prerequisite:* Theatre 212 or permission of instructor. *3 sem. hrs.*

THTR 321 History of Apparel

Designed to give students a recognition/understanding of the evolution of clothing from the ancients to the 20th century. Beginning with the physiological and psychological reasons for clothing. Includes focus on the relationship of fashion to the social and political issues of the time period. *3 sem. hrs.*

THTR 322 Advanced Costume Design

Further exploration of various construction, patterning, design, research and rendering problems and the methods for solving them. Building on the techniques learned in the introductory course, students will gain a deeper

understanding of the variety of methods used in problem solving, and how to know which approach is best suited to the needs of the script in question. The course will culminate in a public presentation of students' projects. *Prerequisite:* Theatre 206 or permission of instructor. 3 sem. hrs.

THTR 323 Drawing (for the Artistically Challenged)

For those who would like to be able to draw but are sure they can't. During the course of the semester, skills in seeing and observation will be taught in order to change the way one approaches drawing. Methods used in the course are based on the book, "Drawing on the Right Side of the Brain," by Betty Edwards. Through lecture and demonstration students will be exposed to these methods and then be given the opportunity to explore them through various drawing exercises that encompass all subject matter. 3 sem. hrs.

THTR 325 Script Analysis

Systematic approach to understanding and realizing the theatrical implications of play scripts. Script study as if in preparation for mounting production. Laboratory hours required. 3 sem. hrs. (FSLT)

THTR 327 Acting Shakespeare I

Introduction to methods of textual analysis and literary research necessary to prepare a Shakespearean play for performance. *Prerequisite:* Theatre 205 or permission of instructor. 3 sem. hrs.

THTR 328 Acting Shakespeare II

Introduction to emotional, physical and vocal techniques necessary for performing a Shakespearean play. Builds on work of Theatre 327 in providing students with analytical means and research methods necessary to make informed artistic decisions. *Prerequisite:* Theatre 327. 3 sem. hrs.

THTR 330 Practicum: Performance

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Fifty hours work for one hour of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Twelve hours maximum credit; six hours maximum per semester. Does not count for Theatre or Dance major or minor. *Prerequisite:* Permission of department. .5-3 sem. hrs.

THTR 331 Practicum: Directing/Choreography

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Fifty hours work for one hour of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Twelve hours maximum credit; six hours maximum per semester. Does not count for Theatre

or Dance major or minor. *Prerequisite:* Permission of department. .5-3 sem. hrs.

THTR 332 Practicum: Stage Management

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Fifty hours work for one hour of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Twelve hours maximum credit; six hours maximum per semester. Does not count for Theatre or Dance major or minor. *Prerequisite:* Permission of department. .5-3 sem. hrs.

THTR 333 Practicum: Technical Crew

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Fifty hours work for one hour of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Twelve hours maximum credit; six hours maximum per semester. Does not count for Theatre or Dance major or minor. *Prerequisite:* Permission of department. .5-3 sem. hrs.

THTR 334 Practicum: Design

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Fifty hours work for one hour of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Twelve hours maximum credit; six hours maximum per semester. Does not count for Theatre or Dance major or minor. *Prerequisite:* Permission of department. .5-3 sem. hrs.

THTR 340 Practicum: Scenery/Props

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Fifty hours work for one hour of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Twelve hours maximum credit; six hours maximum per semester. Does not count for Theatre or Dance major or minor. *Prerequisite:* Permission of department. .5-3 sem. hrs.

THTR 341 Practicum: Costume

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Fifty hours work for one hour of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Twelve hours maximum credit; six hours maximum per semester. Does not count for Theatre or Dance major or minor. *Prerequisite:* Permission of department. .5-3 sem. hrs.

THTR 342 Practicum: Makeup

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Fifty hours work for one hour of practicum credit. Includes research

and written work appropriate to the theatrical activity involved. Twelve hours maximum credit; six hours maximum per semester. Does not count for Theatre or Dance major or minor. *Prerequisite:* Permission of department. .5-3 sem. hrs.

THTR 343 Practicum: Lighting

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Fifty hours work for one hour of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Twelve hours maximum credit; six hours maximum per semester. Does not count for Theatre or Dance major or minor. *Prerequisite:* Permission of department. .5-3 sem. hrs.

THTR 345 Philanthropy in the Arts

(See Music 345; Same as Art 345.) *Prerequisite:* Music/Theatre 310 or Art 322 or permission of instructor. 3 sem. hrs.

THTR 370 Staging Gender

Study of selected plays by female playwrights with a focus on the representation of gender and gender relations within their cultural, historical, economic and political contexts. Readings in feminist critical theories will provide critical frameworks for analyzing representations of race and class as they intersect with gender. 3 sem. hrs.

THTR 380 Honors Thesis Preparation

Research and preparation for honors thesis or project in Theatre or Dance. *Prerequisite:* Acceptance in the department Honors Program. 3 sem. hrs.

THTR 381 Honors Performance/Thesis

Research and writing honors thesis or realization (including rehearsals and all drawings) of a creative honors project in Theatre or Dance. *Prerequisite:* Acceptance in the department Honors Program. 3 sem. hrs.

THTR 388 Individual Internship

Practical application of theatre and dance principles and skills in supervised, out-of-class environment. Restriction: Does not count for Theatre major or minor or Dance minor. *Prerequisites:* Majors and minors only; faculty approval before beginning work. 1-3 sem. hrs.

THTR 407 Production Studies III—Collaboration and Problem Solving

Requires students to form a production organization and produce a substantial play. The production will be staged at the beginning of the next semester and students will receive their final grade after successful completion. Students must select play, analyze material, provide requisite dramaturgical research, create a budget, design all visual elements, raise funds for and publicize the production, and critique results. *Prerequisite:* Theatre 205. 3 sem. hrs.

URBAN PRACTICE AND POLICY

The Urban Practice and Policy program offers the opportunity to examine in detail the built environment which human beings have created for themselves as an artificial protection from the world of nature and the problems inherent in such an artificial system. Ranging across four schools and nine departments and programs, the student of Urban Practice and Policy examines the procedures which have been used and continue to be used to reinforce and manage the urban system; the economic structures which undergird urban prosperity; the challenges the urban system creates for the natural world; the diversity of populations and physical structures within the urban system; the use, maintenance, and preservation of these physical structures; and the policies which affect, reflect and regulate these components.

The Urban Practice and Policy Major

Note: The grade point average of the coursework comprising the major must be no less than 2.00 with no course grade below C- (1.7).

Thirty semester hours, including:

- URPP 209 The Built Environment, 3 hours
- URPP 498 Major seminar, 3 hours
- One Management and Economy elective
- One Cultural Diversity elective
- One Environment elective
- One Policy elective
- Twelve hours to be selected from among the courses below according to the individual major's interests or course availability

An internship may be substituted for one of the four elective courses (see below). Other courses not listed below proposed by the individual major and approved by the coordinator as appropriate may be counted toward the elective portion of the major.

The Urban Practice and Policy Minor

Note: The grade point average of the coursework comprising the minor must be no less than 2.00 with no course grade below C- (1.7).

Eighteen semester hours, including:

- URPP 209 The Built Environment, 3 hours
- One course from each of three of the four divisions outlined below
- Six hours selected from among the courses below according to the individual minor's interests or course availability

An internship may be substituted for one of the elective courses (see below). Other courses not listed below proposed by the individual minor and approved by the coordinator as appropriate may be counted toward the elective portion of the minor.

See the departmental listings for descriptions of the following courses offered for Urban Practice and Policy credit.

Management and Economy

- ECON 101 Principles of Microeconomics
 ECON 331 Labor Economics
 GEOG 320 Power, Space and Territory:
 Geographies of Political Change
 GEOG 370 Geographies of Economic
 Development and Globalization
 LDST 303 Leadership in Political Contexts
 LDST 305 Leadership in Community and
 Volunteer Organizations
 LDST 306 Leadership in Cultural and
 Historical Context
 LDST 358 Communicating and Leading
 MGMT 330 Organizational Behavior
 PLSC 303 Metropolitan Problems and Politics
 RHCS 101 Rhetoric and Public Address
 RHCS 222 Business and Professional Speech
 RHCS 343 Rhetoric and Politics
 RHCS 353 Rhetoric and Law
 RHCS 363 Rhetoric and Culture

Cultural Diversity

- PLSC 325 Racial Politics
 PLSC 333 Civil Rights/Liberties
 PLSC 346 Politics of Cultural Pluralism
 PLSC 361 The Politics of Social Welfare
 SOC 216 Social Inequalities
 SOC 303 Sociology of Families
 SOC 310 Crime and Justice in a
 Post-Modern Society
 SOC 311 Juvenile Delinquency
 SOC 316 Race and Ethnicity in America
 SOC 324 Law and Society
 SOC 329 Education in Society
 SOC 330 Work and Society

Environment

- BIOL 371 Urban Ecology
 ECON 230 Environmental Economics
 ECON 330 Environmental and Resource
 Economic Theory
 GEOG 345 Society, Economy and Nature:
 Global Perspectives on Sustainable
 Development
 IDST 334 Urban Revitalization and Preservation
 MGMT 348 Environmental Management
 PLSC 362 Environmental Law and Policy
 RELG 269 Ethics, Religion and the Environment

Policy

- ECON 102 Principles of Macroeconomics
 ECON 230 Environmental Economics
 ECON 231 Law and Economics
 ECON 232 Women and Gender Issues
 in Economics
 GEOG 260 Introduction to Information Systems
 IDST 300 Technologies of Change: Information
 Resources, Policies and Communities
 LDST 357 Analyzing and Making Policy
 PHIL 398 Power and Politics
 PLSC 260 Introduction to Public Policy
 PLSC 322 Public Opinion and Public Policy

COURSES

URPP 209 The Built Environment

Survey of history of the city from ancient times to present. Emphasizes reciprocity of the natural and artificial resources necessary for an urban environment; studies urban fabric from point of view of diversity of human and architectural components; examines policies which regulate the urban ecosystem. (Same as Classics 209.) *3 sem. hrs.*

URPP 388 Individual Internship

Supervised work experience in the urban environment. *3 sem. hrs.*

URPP 498 Major Seminar

Directed by faculty member approved by the Urban Practice and Policy coordinator. Culminates in carefully researched and written paper which synthesizes the major experience. Choice of subject partially dictated by curriculum choices. Students work cooperatively in defining appropriate research techniques and in sharing and critiquing elements of paper at each stage of development. *3 sem. hrs.*

URPP 499 Independent Study

May be taken in lieu of Urban Practice and Policy 498 with the approval of coordinator. *3 sem. hrs.*

WELLNESS PROGRAM

Recreation and Wellness

Tom Roberts, Director of Recreation and Wellness

The Wellness Program (URWell) is a Student Development Recreation and Wellness Program. It is responsible for the URAWARE Plus2 (wellness requirement) for all students seeking bachelor's degrees. It is a three-part requirement that includes

- an alcohol education session
- a wellness topic of choice
- a second wellness topic of choice

Each part is graded with an S or U (Satisfactory/Unsatisfactory).

Note: Professional Development Program 312, Professional Development III, fulfills the requirement for one wellness topic.

WELL 085 URAWARE: Alcohol Awareness Program

An alcohol prevention/education program designed to assist students in making positive decisions regarding alcohol issues. Students must satisfactorily complete this component of the wellness requirement their first semester on campus. Each session is a four-hour special date offering that includes activities, discussion and personal assessment. Students are required to purchase a study guide from the bookstore prior to their session. *(The wellness requirement carries no credit, but is billed at a tuition rate equivalent to 1 hour of credit for the cost of instruction.) 0 sem. hr. (WEL1)*

WELL 090 PLUS2: Wellness Topics

The wellness topic component of the wellness requirement. Students will be offered a choice of health and wellness topics every semester. Sample topics include nutrition, sexual health, complementary medicine and fitness. Students are required to satisfactorily complete two topics for graduation. Topic sessions run for six weeks, 90 minutes each week. Students are encouraged to complete this component of the wellness requirement before or during their junior year. *(The wellness requirement carries no credit, but is billed at a tuition rate equivalent to 1 hour of credit for the cost of instruction.) 0 sem. hr. (WEL2)*

WOMEN, GENDER AND SEXUALITY STUDIES

Dorothy Holland (Theatre and Dance), Co-Coordinator
Ladelle McWhorter (Philosophy), Co-Coordinator

The Women, Gender and Sexuality Studies program is grounded in a) the analysis of gender and sexuality as historically emergent concepts and regions of human experience; b) the histories of political and social movements focused on the concerns, needs and perspectives of women and sexualities minorities; c) the theoretical and methodological frameworks of feminist analysis across the disciplines. Working in close consultation with an advisor, students may engage in a wide range of coursework emphasizing their specific areas of interest within the interdisciplinary field.

The Women, Gender and Sexuality Studies Major

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C (2.0).

Ten courses (32-36 semester hours) to be distributed as follows:

- WGSS 200 Introduction to Women, Gender & Sexuality Studies, 3 hours
- WGSS 489 Research Methods and Capstone Preparation, 3 hours
- WGSS 490 Senior Capstone Experience, 3 hours

- Seven additional three or four semester-hour WGSS or cross-listed courses to be selected in close consultation with a WGSS advisor to produce a coherent program of study with a clear interdisciplinary focus. At least four of the seven courses must be above the 200 level, and no more than two hours of internship credit may be counted toward the major.

Students *must* develop their major course of study plan in consultation with their advisor/WGSS coordinator. Plans must be submitted in writing and kept on file.

Related Major

Combined Major in Women, Gender and Sexuality Studies and English Literature

The combined program in Women, Gender and Sexuality Studies and English is intended for students who wish to pursue in-depth work in both areas.

The Women, Gender and Sexuality Studies Minor

Note: The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C (2.0).

Five courses (16-20 hours) to be distributed as follows:

- WGSS 200 Introduction to Women, Gender and Sexuality Studies, 3 hours
- Four additional courses in WGSS core or cross-listed from at least two different departments, including no more than two hours of internship credit

Courses for Women, Gender and Sexuality Studies Credit

See the departmental listings for descriptions of the following courses offered for Women, Gender and Sexuality Studies credit. Courses marked with an asterisk (*) may or may not carry Women, Gender and Sexuality Studies credit in any given semester. Check with the instructor and the Women, Gender and Sexuality Studies Coordinator before enrolling in any course on this list. A comprehensive listing of courses is published each semester and should be taken as the final arbiter for Women, Gender and Sexuality Studies credit.

American Studies

AMST 398 American Culture/American Film
(same as ENGL 369)

Anthropology

ANTH 300 Sex and Gender in
Cross-Cultural Perspective
ANTH 379 Women in the Middle East

Biology

BIOL 370 Women in Science

Classical Studies

- CLSC 304 The Feminine in Greco-Roman Literature
 CLSC 308 Women in Greece and Rome

Economics

- ECON 232 Women and Gender Issues
 in Economics

English

- ENGL 203 Children's Literature
 ENGL 206 Selections in American Literature: Cult
 Reflections*
 ENGL 224 Great Novels: Deceit, Desire
 and the Novel*
 ENGL 225 Selected Fiction by Women
 ENGL 226 Love and War in Medieval Literature
 ENGL 230 Women in Modern Literature
 ENGL 335 Black Women Writers
 ENGL 358 African-American Women Writers
 ENGL 369 American Culture/American Film
 (same as AMST 398)
 ENGL 389 Women and Creativity

French

- FREN 451 From Romanticism to Decadence
 FREN 497 ST: French Women Writers*

German

- GERM 471 Sexuality and German Society
 GERM 472 Multiculturalism, Identity and
 Authorship in German Context
 (WGSS 379 when taught in English)

History

- HIST 224 European Women and Gender
 before Suffrage
 HIST 280 Modern Africa
 HIST 299 Women and Gender in Africa
 HIST 300 Early American Women
 HIST 304 African American Women's History
 HIST 321 History of Work in Europe
 HIST 380 Women and Gender in African History

Law

- LAWE 740 Sexual Orientation and the Law
 (same as WGSS 379)

Leadership

- LDST 205 Justice and Civil Society*
 LDST 305 Leadership in Community and
 Volunteer Organizations
 LDST 307 Leadership in International Contexts*
 LDST 390 Women's Movement

Philosophy

- PHIL 221 Feminist Political Theories
 (same as WGSS 221)
 PHIL 358 Topics in Feminist Philosophy
 PHIL 363 Power and Politics

Political Science

- PLSC 361 Politics of Social Welfare*
 PLSC 379 Women and Politics*
 PLSC 379 Power and Politics*

Psychology

- PSYC 299 Diversity
 PSYC 449 Advanced Seminar: Psychology
 of Gender*
 PSYC 449 Advanced Seminar: Gender
 and Relationships

Religion

- RELG 253 Body/Sex in World Religious Literature
 RELG 358 Gender, Religion and the Family
 in Early America
 RELG 360 Goddess Traditions Ancient and Modern
 RELG 373 Witchcraft and its Interpretations
 (same as AMST 336)
 RELG 374 Religion and the American Environment
 RELG 393 ST: Queers in Religion*
 RELG 394 ST: Women, Gender, Sexuality and
 World Religions*

Rhetoric and Communication Studies

- RHCS 295 Topics in Rhetoric: Doing History*
 RHCS 340 Culture and Communication
 RHCS 363 Rhetoric and Culture*
 RHCS 412 Politics of Rhetoric and Diversity

Russian

- RUSN 312 Russian Culture and Civilization*

Sociology

- SOC 303 Sociology of Families
 SOC 318 Social Stratification*
 SOC 319 Social Constructions of Gender
 and Sexuality
 SOC 379 Race, Class and Gender*
 SOC 379 Gender and Work

Spanish

- SPAN 475 Women and Writing in Latin America

Theatre

- THTR 312 Physical Theatre and
 Ensemble Performance*
 THTR 370 Staging Gender

COURSES**WGSS 200 Introduction to Women, Gender & Sexuality Studies**

Introduction to the broad, interdisciplinary field of Women, Gender and Sexuality Studies. Special attention will be paid to the meaning and history of the terms "gender" and "sexuality" and to the political movements mobilized around those terms. Students will read both contemporary and historical materials and both primary and secondary sources. *3 sem. hrs.*

WGSS 201 WILL Colloquium

Introductory course for the WILL program. *Prerequisite:* WILL Program participant. *2 sem. hrs.*

WGSS 221 Feminist Political Theories

(See Philosophy 221.) *4 sem. hrs.*

WGSS 280 Women and Work

Examines women's work and the struggle to achieve balance between work and personal life from a theoretical, historical and comparative perspective, focusing on women in the United States, but placing their labor in a global socioeconomic context. *2 sem. hrs.*

WGSS 301 WILL Senior Seminar

Capstone Course for the WILL program. *Prerequisite:* WILL Program participant. *2 sem. hrs.*

WGSS 302 Women and the Law

Traditional and contemporary relationship of women to the law. Includes study of legal history and of factors bearing on women's legal status. *3 sem. hrs.*

WGSS 303 Women in Television: Representations, Images and Stereotypes

Examination of female roles in television drama, comedy and advertising. Content analysis of selected programs and ads reflecting television history to reveal patterns of representation of women against a background of social attitudes and political actions. *3 sem. hrs.*

WGSS 379 Selected Topics

Varying issues of current relevance and importance to women's studies. May be repeated for credit if topics differ. *1-3 sem. hrs.*

WGSS 388 Individual Internship

Prerequisite: Permission of department. *1-6 sem. hrs.*

WGSS 398 Independent Study

Pass/fail grading may be designated by department for certain enrollments. *Prerequisite:* Permission of department. *1-3 sem. hrs.*

WGSS 399 Topics in Advanced Feminist Theory

Selected topics in Advanced Feminist Theory. Topics vary by semester and will focus on specific applications of feminist theories in a variety of disciplines. Topics may include Feminist Literary and Film Theory, Feminist Materialist/Economic Theories, and Feminist Social Theories. *3-4 sem. hrs.*

WGSS 489 Research Methods and Capstone Preparation

A seminar for WGSS majors in which students will hone research skills, review theoretical material in the discipline, and prepare a research or performance proposal for their capstone experience. Proposals will be presented for approval to a panel of WGSS faculty. *Prerequisites:* Women, Gender and Sexuality Studies 200 and departmental approval. *3 sem. hrs.*

WGSS 490 Senior Capstone Experience

An independent research or performance project approved the previous semester by a panel of WGSS faculty and undertaken under the direction of a faculty mentor supervised by the WGSS coordinator. *Prerequisite:* Women, Gender and Sexuality Studies 489. *3 sem. hrs.*

ROBINS SCHOOL OF BUSINESS

UNDERGRADUATE STUDY AT THE ROBINS SCHOOL OF BUSINESS

Mission

The mission of the Robins School of Business is to develop an active learning community in which teaching, scholarship and service are integrated to stimulate intellectual inquiry as the foundation for responsible leadership in the global business environment.

Bachelor of Science in Business Administration

The Robins School of Business offers the degree of Bachelor of Science in Business Administration (B.S.B.A.). Within this degree, there are three majors: Accounting, Business Administration and Economics. The Business Administration major is further specialized into six concentrations: Accounting, Economics, Finance, International Business, Management and Marketing. A Business Administration major must choose to study at least one of the areas of concentration.

Candidates for a B.S.B.A. must:

1. Satisfy the general degree requirements for graduation;
2. Complete the following pre-business courses:
 - ACCT 201 Fundamentals of Financial Accounting
 - ACCT 202 Fundamentals of Managerial Accounting
 - ECON 101 Principles of Microeconomics
 - ECON 102 Principles of Macroeconomics
 - BUAD 201 Statistics for Business I
 - BUAD 203 Software Tools and Applications
 - MATH 211 Calculus I, or MATH 231 Scientific Calculus I
 - PDP 201 Professional Development I
3. Complete the following Core courses except as noted:
 - MKT 320 Principles of Marketing
 - MGMT 330 Organizational Behavior
 - MGMT 340 Operations Management
 - FIN 360 Principles of Financial Management
 - BUAD 301 Statistics for Business II (must be completed by the end of junior year)
 - BUAD 391 Essentials of Information Technology (not required of accounting majors)
 - BUAD 392 Ethical, Social and Legal Responsibilities of Business
 - BUAD 497 Strategic Management
 - PDP 311 Professional Development II

- PDP 312 Professional Development III
 - PDP 411 Professional Development IV
4. Maintain at least a 2.00 overall grade point average in School of Business coursework;
 5. Earn 60 hours outside the Robins School of Business;
 6. Complete the requirements of one of the following major fields: Accounting, Business Administration or Economics.

Available Majors

Majors are available in the following areas:

- Accounting
- Business Administration
- Economics

Available Minors

Minors are available in the following areas:

- Business Administration

Concentrations

Concentrations are available in the following areas:

- Accounting
- Economics
- Finance
- International Business
- Marketing
- Management

Interdisciplinary Programs

The following interdisciplinary programs are available through the School of Arts and Sciences:

- International Studies: International Economics
- Mathematical Economics
- German/International Business
- French/International Business
- Spanish/International Business

Study Abroad

All Robins School of Business students, even those not concentrating in international business, are encouraged to apply for study abroad. The Robins School enjoys relationships with leading business schools throughout the world. In accordance with University policy, credits will be transferred only from partner institutions or preapproved study programs. While studying abroad, students must complete a course that focuses on culture/society, history, political system or economy of the host school's country or region. Students studying in a country where the native language is not English are required to participate in the host school's or other preapproved pre-semester language course – whether

offered for credit or not. Students may complete no more than two courses in the same field. For example, a student may take no more than two marketing courses or two finance courses. Students may complete no more than two business school core courses while abroad. The associate dean for International Programs may grant exemptions to this policy in extreme circumstances and/or for students studying abroad for an entire academic year.

Honors Program

Outstanding students with intellectual initiative and the desire to pursue academic achievement beyond standard coursework have the opportunity to broaden and deepen knowledge in selected major fields through the Honors Program. Departmental honors coordinators invite promising qualified majors to apply, but an interested student may contact his or her major department or the faculty committee on the Honors Program to indicate interest and obtain further information. To qualify, a student should have at least a 3.30 cumulative grade point average, 65 or more semester hours completed and, excluding coursework primarily for first-year students, 12 or more semester hours completed with distinction in the major field. Successful completion of an Honors Program is shown on the student's permanent academic record and on the diploma.

CURRICULUM

- Accounting
- Business Administration
- Economics
- Finance
- International Business
- Management
- Marketing
- Professional Development Program

Where the course numbers for a two-semester course are separated by a hyphen, generally either half of the course may be taken independently for credit and in any order unless a prerequisite is stated.

General Prerequisites: Except by permission of the dean, Accounting 201-202, Economics 101-102 and Business Administration 201 and 203 are prerequisites to all other courses in the Robins School of Business. The business minor program requires a student to complete Accounting 201-202 and Economics 101-102 prior to taking any other business class. Accounting 202 is not a prerequisite for Business Administration 301. Accounting 202 may be taken simultaneously with Marketing 320, Management 330 and 340, Finance 360, and/or Business Administration 391 and 392.

ACCOUNTING

Raymond Slaughter, Chair
Professor Geiger

Associate Professors Clikeman, Hoyle, Lawrence, Sanborn, Slaughter, Vondryk, Walden

Mission—Accounting Department

The mission of the Accounting Department of the Robins School of Business is to achieve and maintain a reputation for excellence in accounting education at the undergraduate level by combining superior instruction with relevant supporting intellectual inquiry and supportive practical experience, and to provide appropriate graduate experiences to enhance the goal of liberally educated professionals.

The Accounting Major

Note: Students must obtain a grade point average of no less than 2.0 in the accounting coursework comprising the major.

The major in accounting requires the following 21 hours of accounting courses:

- ACCT 301-302 Intermediate Financial Accounting I, II
- ACCT 305 Cost and Managerial Accounting
- ACCT 307 Accounting Information Systems
- ACCT 311 Advanced Financial Accounting
- ACCT 312 Tax Accounting
- ACCT 317 Auditing

Students also must take three additional hours of Economics.

Other Requirement: Students must earn a minimum of 90 hours of academic credit outside of the accounting discipline.

Substitutions in the accounting major are permitted if approved by the chair of the Accounting Department.

Accounting Concentration

The accounting concentration is available only to students enrolled full-time in the Robins School of Business with another concentration in Economics, Finance, International Business, Management or Marketing.

Notes: ACCT 301 is required in the concentration. ACCT 307 cannot be used for the concentration. Some of the accounting courses are not offered every semester or every year. Also, many of the upper-level accounting courses have prerequisites, so be sure to take that into account when planning your curriculum.

This concentration consists of a minimum of 12 credit hours and a maximum of 18 credit hours chosen from:

- ACCT 301 Intermediate Financial Accounting I
- ACCT 302 Intermediate Financial Accounting II
- ACCT 305 Cost and Managerial Accounting

- ACCT 311 Advanced Financial Accounting
- ACCT 312 Federal Taxation
- ACCT 313 Advanced Federal Taxation
- ACCT 315 International Accounting Issues
- ACCT 316 Advanced Managerial Accounting
- ACCT 317 Auditing
- ACCT 318 Advanced Auditing
- ACCT 319 Financial Accounting Theory and Issues

COURSES

ACCT 201 Fundamentals of Financial Accounting

Basic theory, concepts and procedures necessary to develop and interpret financial (external) accounting data. *3 sem. hrs.*

ACCT 202 Fundamentals of Managerial Accounting

Basic theory, concepts and procedures necessary to develop and interpret managerial (internal) accounting data. *Prerequisite:* Accounting 201. *3 sem. hrs.*

ACCT 301-302 Intermediate Financial Accounting I, II

Instruction on technical development of primary aspects of the income statement, balance sheet and statement of cash flows. Teaching methodologies include group work, class discussion, computer and written assignments, problem-solving exercises and a community volunteer project, as well as traditional lectures. *Prerequisite:* Accounting 202. Accounting 301 is prerequisite to 302. *3-3 sem. hrs.*

ACCT 305 Cost and Managerial Accounting

Study of effective product and service costing and use of accounting information for effective planning and control decisions, with emphasis on world-class organizations. *3 sem. hrs.*

ACCT 307 Accounting Information Systems

Introduction to information systems with specific emphasis on relational databases, business processes, information systems related risk, and general controls. *3 sem. hrs.*

ACCT 310 Financial Statement Analysis

Instruction in analyzing financial statements to evaluate an organization's profitability, liquidity, capital structure and cash flows. Examination of how management's discretionary accounting choices affect earnings quality. *Prerequisites:* Accounting 202 and Finance 360. *3 sem. hrs.*

ACCT 311 Advanced Financial Accounting

Specialized problem solving in accounting for partnerships, business combinations and consolidations, and not-for-profit units. *Prerequisite:* Accounting 301. *3 sem. hrs.*

ACCT 312 Federal Taxation

Introduction to U.S. Federal taxation of business enterprises in the United States. Subjects covered include a determination of taxable income, exclusions, deductions and credits. Will include a brief overview of individual taxation. *3 sem. hrs.*

ACCT 313 Advanced Federal Taxation

Expanded study of federal tax laws affecting the various corporate entities, partnerships, estates and trusts. Will also cover additional topics involving individual taxation. *Prerequisite:* Accounting 312. *3 sem. hrs.*

ACCT 315 International Accounting Issues

Survey of comparative accounting principles with major trading partners, problems in international performance evaluation, transfer pricing, and tax minimization issues for multinational corporations. Stresses decision making for multinational companies through the case approach. *Prerequisite:* Accounting 202. *3 sem. hrs.*

ACCT 316 Advanced Managerial Accounting

Expanded study of managerial accounting and the use of accounting information for strategic planning. Topics covered include environmental cost, activity-based management and the theory of constraints. *Prerequisite:* Accounting 202. *3 sem. hrs.*

ACCT 317 Auditing

Professional standards for evaluating and reporting on financial statements, and the ethical, legal and competitive environment of auditing. *Prerequisite:* Accounting 302. *3 sem. hrs.*

ACCT 318 Advanced Auditing

Specialized audit topics including operational and compliance audits, attestation engagements, statistical sampling, use of generalized audit software, audits of computer systems, and work paper preparation. *Prerequisite:* Accounting 317. *3 sem. hrs.*

ACCT 320 Selected Topics

Examination of major accounting or auditing area not covered in other courses. Uses case/seminar approach. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

ACCT 328 Directed Independent Study

Independent research on an accounting topic conducted under the direct supervision of an instructor. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

BUSINESS ADMINISTRATION

Faculty from all departments in the Robins School of Business provide instruction in this area.

The Business Administration Major

Concentration area: Twelve hours minimum chosen from a single Robins School of Business department. A maximum of 18 hours can be taken in any area of concentration. No more than six hours of the concentration may be required by a department. While some concentrations offer curriculum tracks, it is not necessary to follow a track.

Electives: Sufficient hours to complete degree requirements over and above other major requirements. At least 60 hours outside the Robins School of Business. The Economics concentration does not require the additional three hours of Economics beyond other degree requirements that are required in other concentrations.

Business Administration majors must choose a concentration from the following areas: Accounting, Economics, Finance, International Business, Marketing or Management.

The Business Administration Minor

Requirements:

- ECON 101 Microeconomics
- ECON 102 Macroeconomics
- ACCT 201 Fundamentals of Financial Accounting
- ACCT 202 Fundamentals of Managerial Accounting
- BUAD 201 Statistics for Business and Economics I
- MKT 320 Marketing Management
- MGMT 330 Organizational Behavior
- MGMT 340 Operations Management
- FIN 360 Principles of Financial Management

The Business minor student should complete the Accounting 201-202 and Economics 101-102 requirements prior to enrolling in any other business administration course.

Note: There is no business administration concentration area.

COURSES

BUAD 101 Introduction to Business

Multidisciplinary course that exposes student to functional areas of business. Focus on acquiring understanding of language and structure of business through study of its functional components: accounting, economics, finance management and marketing. (Open to first- and second-year students only.) 3 sem. hrs.

BUAD 201 Statistics for Business and Economics I

Theory, methodology, and applications of statistics to contemporary business problems. Includes descriptive

statistics, probability theory, Bernoulli and Poisson processes, sampling distributions, and one- and two-population statistical inference. 3 sem. hrs.

BUAD 203 Software Tools and Applications

Laboratory course providing introduction to software packages with applications for business decision making. Emphasis on understanding spreadsheet applications, but includes sessions on word processing and graphics software and database searches. (Open to first- and second-year students only.) 1 sem. hr.

BUAD 301 Statistics for Business and Economics II

Theory, methodology and applications of statistics to contemporary business and economics problems. Includes statistical inference review, analysis of variance, correlation, regression and selected other topics. *Prerequisites:* Economics 101-102 and Business Administration 201. 3 sem. hrs.

BUAD 389 Directed Independent Study

Specialized study or directed research in area of business or economics. *Prerequisite:* Permission of instructor. 1-3 sem. hrs.

BUAD 391 Essentials of Information Technology

Introduction to how computerized information technology supports today's businesses and various functional areas of business. Includes telecommunications, IT development approaches, management of technological changes, and ethical responsibilities of information management. Some use of microcomputer systems software and e-mail, with specific assignments changing to reflect current trends and issues. 3 sem. hrs.

BUAD 392 Ethical, Social and Legal Responsibilities of Business

Ethical and legal issues in business world are discussed and analyzed from a philosophical, historical, legal and behavioral approach. Current ethical and legal cases serve to highlight changing value choices and resulting consequences, as well as legal problems experienced by business people. 3 sem. hrs.

BUAD 396 Advanced Business Law

Principles of law relating to Uniform Commercial Code; emphasis on sales, commercial paper, secured transfers, banking laws, bailments and documents of title. Other areas covered include real and personal property laws, insurance law and trusts and estates. *Prerequisite:* Business Administration 392. 3 sem. hrs.

BUAD 497 Strategic Management

Analysis of strategic business problems. Case method to develop decision-making ability in policy formulation and administration. *Prerequisites:* Business Administration 301, Marketing 320, Management 330 and 340, Finance 360. 3 sem. hrs.

ECONOMICS

Department of Economics

Robert M. Schmidt, Chair

Professors Dolan, Schmidt

Associate Professors Cook, Craft, Croushore, Dean,

McGoldrick, Nicholson, Wight, Yates

Assistant Professor Asaftei, Datta, Monks

The Economics Major (for B.S.B.A. degree)

Note: A grade point average of C (2.00) is required in the major, with no course grade below a C- (1.7) in an Economics course required for the major.

Students who complete all of the requirements for the degree of Bachelor of Science in Business Administration can major in economics.

Required courses for the major include:

- ECON 101 Principles of Microeconomics
- ECON102 Principles of Macroeconomics
- ECON 271 Microeconomic Theory
- ECON 272 Macroeconomic Theory
- Four economics electives (at least two of which must be at the 300 level)
- ECON 480 Senior Capstone Seminar or ECON 491 Honors Thesis in Economics

Note: Majors are strongly encouraged to take Economics 101 and 102 during their first year, and Economics 271 and 272 during their second year. A basic foundation in calculus (e.g., Math 211) is required for Economics 271.

Students may plan their course load to pursue a general major in economics or to study a specific area in economics. Voluntary elective fields have been developed in the areas of Business Economics, International Economics, Economic History, Public Policy and Quantitative Economics. Students are encouraged to speak with their academic advisor about the options available to them. Students interested in pursuing a graduate degree in economics are encouraged to seek advice concerning the Honors program in Economics, and/or taking Math 235 Multivariate Calculus, Math 312 Differential Equations, and Math 245 Linear Algebra.

The Economics Concentration (for Business Administration majors only)

The economics concentration is composed of 12-18 hours of economics electives at the 200 and 300 levels. While no specific courses are required, students are encouraged to coordinate their courses to meet their professional objectives. Electives are grouped into the following areas: business economics, international economics, economic history, public policy, quantitative economics and intermediate theory. The economics concentration does not require the additional three hours of economics beyond other degree requirements that are required of other concentrations.

Curriculum

Basic Economics Courses

ECON 101 Principles of Microeconomics

ECON 102 Principles of Macroeconomics

ECON 105 Introduction to Global Economics

Unless otherwise noted, Economics 101 and 102 are prerequisites to all the following Economics courses. 300-level courses may require additional prerequisites (noted in course descriptions).

Business Economics

ECON 200 The Economics of Money, Banking and Financial Markets

ECON 300 Industrial Organization and Public Policy

International Economics

ECON 210 The Economics of the European Union

ECON 211 Economic Development in Asia, Africa and Latin America

ECON 310 International Trade and Finance

Economic History

ECON 220 History of Economic Thought

ECON 221 American Economic History

Public Policy

ECON 230 Environmental Economics

ECON 231 Law and Economics

ECON 232 Women and Gender Issues in Economics

ECON 330 Environmental and Resources Economic Theory

ECON 331 Labor Economics

ECON 332 Public Economics

ECON 333 Federal Reserve Challenge Preparation

ECON 334 Federal Reserve Challenge Competition

ECON 372 Advanced Macroeconomics

Quantitative Economics

ECON 340 Econometrics

ECON 341 Mathematical Economics

Special Topics

ECON 260 Selected Economic Topics

ECON 269 Independent Study

ECON 360 Selected Economic Topics

ECON 369 Independent Study

Intermediate Core

ECON 271 Microeconomic Theory

ECON 272 Macroeconomic Theory

BUAD 301 Statistics for Business and Economics II

Capstone Seminar

ECON 480 Senior Capstone Seminar

Honors

ECON 490-491 Honors in Economics

COURSES

ECON 101 Principles of Microeconomics

Provides students with the analytical perspective to think critically about the market system and social objectives it may serve. Topics include supply and demand, market structure, production, market failure (e.g., pollution) and benefits and costs of government intervention. 3 sem. hrs. (FSSA)

ECON 102 Principles of Macroeconomics

The study of national income determination within a global economy. Topics include inflation, unemployment, GDP determination, money supply, balance of payments, currency markets and role of fiscal and monetary policies. Students who have not taken Economics 101 should notify their instructor on the first class day and will be required to spend extra time outside of class on supply and demand. *Prerequisite:* Economics 101 is recommended but not required. 3 sem. hrs.

ECON 105 Introduction to Global Economics

Survey of international economic issues for nonmajors. The U.S.'s role in the global economy is covered analytically, historically and institutionally, with special attention given to balance of payments analysis, exchange rate determination, gains from trade, trade policy, the IMF, GATT and other topics. *Note:* This course has no prerequisites and fulfills no prerequisites for other economics or business courses. 3 sem. hrs.

ECON 200 The Economics of Money, Banking and Financial Markets

Role and functions of money; operation of financial institutions; structure and influence of Federal Reserve System; effects of money and credit on economic activity. *Prerequisites:* Economics 101 and 102. 3 sem. hrs.

ECON 210 The Economics of the European Union

Comparative analysis of European and United States' economics systems, including a review of the evolution of the European Union. Although the scope of the course is primarily European, Japan and China also are studied. *Prerequisites:* Economics 101 and 102. 3 sem. hrs.

ECON 211 Economic Development in Asia, Africa and Latin America

Comparative analysis of economic growth, income and wealth distribution, trade and finance, population, agriculture, and industrialization in Latin America, Africa and Asia. *Prerequisites:* Economics 101 and 102. 3 sem. hrs.

ECON 212 Geographies of Economic Development and Globalization

(See Geography 370.) *Prerequisites:* Economics 101 and 102. 3 sem. hrs.

ECON 220 History of Economic Thought

Survey of development of economic analysis with emphasis on contributions from Adam Smith through J.M. Keynes. *Prerequisites:* Economics 101 and 102. 3 sem. hrs.

ECON 221 American Economic History

Use of economic theory and methods to study American history with special emphasis on economic growth. Topics include Native American development up to the arrival of Europeans, transportation revolutions, slavery, agriculture and monetary controversies in the late 19th century, health and nutrition, immigration, technological change, the Great Depression and New Deal, and civil rights. *Prerequisites:* Economics 101 and 102. 3 sem. hrs.

ECON 230 Environmental Economics

Development and application of economic principles to understand and evaluate causes and solutions to environmental problems such as pollution and conservation. Topics include economics of biodiversity protection, global warming, natural resource damage assessment, measurement of environmental values, and alternative strategies for pollution control. Special attention given to optimal use of exhaustible and renewable natural resources. (Same as *Environmental Studies 230*). *Prerequisite:* Economics 101. 3 sem. hrs.

ECON 231 Law and Economics

Application of economic analysis to legal concepts. Using goals of efficiency and wealth maximization, shows how economic theory can unify property law, contract law, tort law, criminal law and family/sex law, as well as offer new insights to old problems. *Prerequisite:* Economics 101. Business Administration 301 or Mathematics 119 encouraged. 3 sem. hrs.

ECON 232 Women and Gender Issues in Economics

Designed to point out differences in economic circumstances of men and women. Topic discussions include educational attainment, labor market participation decisions, joblessness, poverty and associated policy. Different theoretical explanations (neoclassical, Marxist, institutionalist and feminist) are covered and students evaluate rationale for each theory. *Prerequisites:* Economics 101 and 102. 3 sem. hrs.

ECON 260 Selected Economic Topics

Major areas in economics, application of economic principles, and analysis of policy issues. *Prerequisites:* Economics 101 and 102. 1-3 sem. hrs.

ECON 269 Independent Study

Specialized study or directed research in an area of economics. *Prerequisites:* A written outline worthy of academic credit and permission of departmental chair. 1-3 sem. hrs.

ECON 271 Microeconomic Theory

Theory of price determination in both output and input markets; in-depth analysis of behavior of individual consumers, firms and industries under various market structures; theories of exchange and distribution. *Prerequisites:* Economics 101 and 102 and Mathematics 211 or 231. 3 sem. hrs.

ECON 272 Macroeconomic Theory

Theory of national income determination; short/medium-run monetary and fiscal policy issues are examined using Keynesian and New Classical models; long-run analysis focuses on recent extensions of the Neo-classical growth model. *Prerequisites:* Economics 101 and 102. 3 sem. hrs.

ECON 300 Industrial Organization and Public Policy

Designed to identify features of industries with various degrees of competition. Issues to be explored include: identifying dominant firm, tight or loose oligopoly, competitive and monopoly industries; product vs. geographic markets; technological innovations; collusion, product differentiation; mergers; advertising; efficiency; price discrimination; etc. In addition, antitrust policies will be reviewed as they pertain to these issues. *Note:* This course also may be applied to the Public Policy area. *Prerequisites:* Economics 101, 102 and 271. 3 sem. hrs.

ECON 310 International Trade and Finance

Introduction to basic argument for free trade with emphasis on general equilibrium analysis; survey of trade restrictions including theory on tariffs, quotas, subsidies and preferential trade agreements. International monetary theory; determination of exchange rates in spot and forward markets; extension of national income model to international markets. *Prerequisite:* Economics 271. 3 sem. hrs.

ECON 330 Environmental and Resource Economic Theory

A rigorous treatment of environmental and resource issues, with particular emphasis on problem of designing appropriate institutions and regulations under uncertainty. Topics include emission fees and marketable permits; enforcement, risk regulation, the economics and regulation of the fishery; depletion of nonrenewable resources; and forest use. (*Same as Environmental Studies 330.*) *Prerequisites:* Economics 101, 102 and 271. 3 sem. hrs.

ECON 331 Labor Economics

Economic analysis of labor markets including labor supply, investment in human capital, labor demand and wage determination. Policy issues include labor unions, discrimination and analysis of government programs affecting labor markets. *Prerequisites:* Economics 101, 102 and 271. 3 sem. hrs.

ECON 332 Public Economics

Economic analysis of government spending and taxation with particular emphasis on current public policy issues (e.g., social security, health care and fundamental income tax reform). *Prerequisites:* Economics 101, 102 and 271. 3 sem. hrs.

ECON 333 Federal Reserve Challenge Preparation

Analysis of current macroeconomic events and how they affect monetary policy decisions. Students prepare for the Fed Challenge, competing for a position on the team based on their knowledge of current events, the determinants of monetary policy, and communication skills. The team also is responsible for economic conditions reports and presentations that support the activities of the RSB Student-Managed Investment Fund. *Prerequisites:* Economics 200 or 272 and permission of instructor. 1 sem. hr.

ECON 334 Federal Reserve Challenge Competition

Analysis of current macroeconomic events and how they affect monetary policy decisions. Select students prepare and present a mock policy briefing in the Fed Challenge competition at the Federal Reserve Bank of Richmond. The team also is responsible for economic conditions reports and presentations that support the activities of the RSB Student-Managed Investment Fund. *Prerequisites:* Economics 200 or 272 and permission of instructor. 1 sem. hr.

ECON 340 Econometrics

Development of the theory, methodology and application of econometric topics of the classical linear regression model as well as model extensions including dummy and limited dependent variables, time-series analysis, forecasting and simultaneous equation systems. Excel, SPSS, and SAS are used in weekly computer lab sessions. *Prerequisites:* Economics 101, 102 and Business Administration 301 or Mathematics 330. 4 sem. hrs.

ECON 341 Mathematical Economics

Examines various economic concepts by means of mathematical analysis. *Prerequisites:* Economics 101, 102 and 271 and Mathematics 211 or 231. 3 sem. hrs.

ECON 360 Selected Economic Topics

Major areas in economics, application of economic principles and analysis of policy issues. *Prerequisite:* A core course to be announced. 1-3 sem. hrs.

ECON 369 Independent Study

Specialized study or directed research in an area of economics. *Prerequisites:* Economics 271 and/or 272, a written outline worthy of advanced credit and permission of departmental chair. 1-3 sem. hrs.

ECON 372 Advanced Macroeconomics

Examination of selected topics in macroeconomics beyond the basic theory level covered in Economics 272. Topics may include forecasting, time-series econometrics, growth theory, analysis of dynamic, stochastic general-equilibrium models and open-economy macroeconomics. *Prerequisites:* Economics 272 and Business Administration 301. *3 sem. hrs.*

ECON 480 Senior Capstone Seminar

Utilizes theoretical and applied economic models from previous economics courses. Semester assignments guide students through a major research project of one of the following forms: contemporary economic analysis, historical economic analysis, viewpoints in economic analysis, or quantitative economic analysis. Students develop an economic question; gain access to existing knowledge; demonstrate command of existing knowledge; use existing knowledge to explore an issue of interest; understand the steps to complete a substantial research project; and sharpen written communication skills. *Note:* Participation in the Honors program fulfills the Capstone requirement. *Prerequisites:* Economics 271 and 272, Business Administration 301, and senior standing. *3 sem. hrs.*

ECON 490 Honors Seminar in Economics

Honors seminar. *Prerequisite:* Departmental invitation. *3 sem. hrs.*

ECON 491 Honors Thesis in Economics

Capstone independent research project and Honors paper. *Note:* Participation in the Honors program fulfills the Capstone requirement. *Prerequisite:* Departmental invitation. *3-3 sem. hrs.*

FINANCE

John Earl, Chair

Professors Fische, Stevens

Associate Professors Conover, Earl, Lancaster, North,

Szakmary

Assistant Professors Arnold

Note: Students planning to enroll in Finance 468 should complete Finance 366 during their junior year.

Finance Concentration Program Tracks (suggested courses and sequences)

Requirements:

FIN 360 Principles of Financial Management

(1) CFA Track (Emphasis on Investments and Securities)

- FIN 366 Investments
- FIN 462 International Financial Management
- FIN 466 Fixed Income and Derivative Securities
- FIN 467 Portfolio Management and Analysis
- FIN 468 Student-Managed Investment Fund (Senior Year)

Suggested Supporting Courses:

- ACCT 320 Financial Statement Analysis
- ECON 200 The Economics of Money, Banking and Financial Markets

(2) Corporate Finance Track (Emphasis on Cash Management/Corporate Finance)

- FIN 361 Corporate Finance
- FIN 366 Investments (Fall or Spring semester)
- FIN 461 Cases and Financial Modeling
- FIN 462 International Financial Management
- FIN 464 Essentials of Cash Management (Senior Year)

Suggested Supporting Courses:

- ACCT 301-302 Intermediate Financial Accounting I-II
- ACCT 320 Financial Statement Analysis
- ECON 200 The Economics of Money, Banking and Financial Markets

Notes:

- 1) *Program tracks do not affect the finance concentration requirements of the B.S.B.A. degree.*
- 2) *IBUS students taking Finance 462 need nine additional hours in finance courses.*

Special Opportunities and Graduate Work Preparation

Students are encouraged to speak to their academic advisors about special opportunities in programs such as the Student-Managed Investment Fund; Chartered Financial Analyst Student Program; Federal Reserve Challenge; Investments Club; and Business Conditions and Analysis Review. Students interested in graduate work should consider taking ECON 340 Econometrics. In addition, a Math minor or a combination of MATH 212 Calculus II; MATH 235 Multivariate Calculus; MATH 245 Linear Algebra; MATH 329 Probability; and MATH 330 Mathematical Statistics would be especially helpful for students interested in pursuing a Ph.D. in finance.

COURSES**FIN 200 Personal Finance**

Major changes in financial institutions, new methods of borrowing, expanded insurance products, and new investment vehicles that have changed how we live our lives and organize our finances. Personal finance addresses all of the major personal financial planning problems that individuals and households are expected to encounter, including how to set savings goals, assess career choices, use banking, credit and other financial services, make good investment decisions, and compare insurance products. This course does not count towards the Finance concentration. *3 sem. hrs.*

FIN 360 Principles of Financial Management

Analysis and examination of financing, investment and dividend decisions of business organizations. Financial management in the global environment. *Prerequisites:* Accounting 201, Economics 101-102 and Business Administration 201. (BUAD 201 may be taken concurrently.) *3 sem. hrs.*

FIN 361 Corporate Finance

The study of theory and practice of corporate finance with special emphasis on the evaluation and financing of capital expenditures. The goal is for the student to become thoroughly competent in areas of financial mathematics, capital budgeting analysis, and capital structure theory. Topics covered include decision tree analysis, sensitivity analysis, non scale-enhancing projects, dividend policy, rights offerings, call policy, warrants, convertible debt, international corporate finance, financial distress, and financial planning. *Prerequisite:* Finance 360. *3 sem. hrs.*

FIN 363 Risk Management and Insurance

Risk management, principles and theory of insurance, personal and business needs served by insurance. *Prerequisite:* Finance 360. *3 sem. hrs.*

FIN 366 Investments

Security markets, investment theory, security valuation and selection. Application of investment concepts. International, derivative and option markets. *Prerequisite:* Finance 360. *3 sem. hrs.*

FIN 368 Directed Independent Study

Independent research on a finance topic conducted under the direct supervision of an instructor. Does not count as one of the required finance concentration courses unless written permission is obtained from the department chair in advance. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

FIN 369 Selected Topics in Finance

Topics depend on mutual interests of instructor and students. Intended primarily as elective for finance and business administration students. *Prerequisite:* Finance 360 and permission of instructor. *1-3 sem. hrs.*

FIN 461 Cases and Financial Modeling

Case study analysis of corporate financial policies and strategies. Includes development of spreadsheet-based models to analyze corporate financial strategies and valuation issues and an investigation into measuring and managing the value of companies. *Prerequisite:* Finance 360, senior standing or permission of department. *3 sem. hrs.*

FIN 462 International Financial Management

Focuses on study and analysis of financial markets confronting globally oriented firms. Currency markets, international capital markets, risk exposure, risk

management techniques, and valuation principles in global economy. Emphasis on application of financial management principles for multinational firms. *Prerequisite:* Finance 360, senior standing or permission of department. *3 sem. hrs.*

FIN 464 Essentials of Cash Management

Focuses on fundamental knowledge and skills required to be a cash manager in a modern business. Integrates coverage of 16 topical areas in the Certified Cash Management (CCM) curriculum with current event readings and cases. Designed to conform to requirements of the CCM Associate Program, allowing students to participate in the program's testing and certification process. *Prerequisites:* Accounting 201 and 202, Business Administration 391, Finance 360, and senior standing or permission of department. *3 sem. hrs.*

FIN 465 Technical Analysis

Involves study of supply and demand through data generated by the action of markets and through the study of psychology and behavior of the various market participants. Will cover basic tools of technical analysis including the Dow theory, techniques of chart construction and interpretation, momentum and cycle studies, relative strength, industry group analysis, investor sentiment, contrary opinion and intermarket relationships. Emphasis will be placed on practical application of these tools to the investment decision-making process for both the short- and long-term. Studies will be taken from both historical and real-time situations. *Prerequisite:* Finance 360. *3 sem. hrs.*

FIN 466 Fixed Income and Derivative Securities

Focuses on institutional features, pricing, risk management in fixed income, futures, option and swap markets. Fixed income topics include bond sectors and yield spreads, arbitrage-free valuation, forward rates and term structure theories, and interest rate risk. Derivatives topics include futures pricing, option payoffs and strategies, option pricing, option sensitivities and hedging, and swaps. *Prerequisite:* Finance 366. *3 sem. hrs.*

FIN 467 Portfolio Management and Analysis

Analyzing financial data and analysis of securities. Selection of securities and portfolios to meet investment objectives and measure portfolio performance. International dimensions of portfolio management and risk/return matrix. *Prerequisite:* Finance 366, senior standing or permission of department. *3 sem. hrs.*

FIN 468 Student-Managed Investment Fund

Authority and attendant responsibilities of managing part of University of Richmond's endowment fund. Initial value of portfolio was \$200,000. Enrollment is open to seniors only and is limited. Students enroll

in fall semester for two consecutive semesters with grade awarded at end of spring term. Does not count towards the Finance concentration. *Corequisite:* Finance 467. Prerequisites: Finance 366 and permission of department. 3 sem. hrs.

INTERNATIONAL BUSINESS

Thomas J. Cossé, Associate Dean for International Programs

The International Business Concentration

International business issues are covered throughout the Robins School curriculum. However, some students wish to study international business in greater depth. For these students, the International Business concentration is offered. Students concentrating in international business must complete the standard set of courses required of all Robins School students. These courses provide the foundation upon which the business program is built. All students concentrating in International Business, with exception of those who also are completing a full major in Arts and Sciences or in Leadership Studies, must have a major or co-concentration in one of the following areas: Accounting, Economics, Finance, Marketing or Management. In addition, students with an International Business concentration must satisfy international knowledge and international experience requirements. A grade of C or better must be earned in each course used to meet international knowledge requirements.

International Knowledge Requirements:

These requirements consist of international business knowledge and international cultural and social knowledge.

1. International Business Knowledge: This requirement is met by completing 15 semester hours as follows:
 - A. Two courses: IBUS 381 International Business Environment and IBUS 411 International Business Strategy
 - B. One course from: ACCT 315 International Accounting Issues or FIN 462 International Financial Management
 - C. One course from: MKT 325 International Marketing, MGMT 333 International Management, or IBUS 390 International Business Issues
 - D. One international economics course such as: ECON 210 Comparative Economic Systems, ECON 211 Economic Development in Asia, Africa and Latin America, or ECON 310 International Trade and Finance

Notes: One course in International Business knowledge item 1B or one course in International Business item 1C can apply to the second concentration. Item 1D satisfies the economics elective requirement that all business students must complete.

2. International Cultural and Social Knowledge: This requirement is met by completing six semester hours as follows:
 - A. One course with an international focus from art history, philosophy, foreign literature, classics, music or religion
 - B. One course with an international focus from anthropology, geography, history, international studies, political science or sociology

Note: International- focused courses taken to meet the University's general education fields of study requirements can be used to satisfy the international cultural and social knowledge requirements.

International Experience Requirements

The international experience requirements consist of cultural experiences and a work experience.

1. International Cultural Experience: Students concentrating in International Business must complete two of three international cultural experiences:
 - A. Successfully complete an approved university-level program of study in a foreign country.
 - B. Demonstrate proficiency in a second language. This may be done by earning a grade of C or better in a commercial language course (e.g., FREN 306 Commercial French, SPAN 306 Commercial Spanish) or in a 300-level conversation course (e.g., ITAL 301 Italian Conversation, RUSN 301 Russian Conversation), or by earning a satisfactory score on an appropriate language proficiency examination.
 - C. Live in another country for at least 12 continuous weeks other than study abroad experience.
2. International Work Experience: An international work experience is required for the International Business concentration. This requirement may be met by completing an approved internship in the U.S. in an organization's international section, or by working in an organization located outside the U.S.

Notes: Subject to prior approval of the director of International Business Programs, working abroad may satisfy both experience requirement 2 and experience requirement 1C.

International Business and Modern Literatures and Cultures Options

Three programs are offered in conjunction with the department of Modern Literatures and Cultures. These programs are designed for students who wish to double major in Business Administration with an International Business concentration and in French, German or Spanish. Additional information may be obtained from the Department of Modern Literatures and Cultures or Department of Latin American and Iberian Studies.

1. The French Major/International Business Option

The program consists of a rigorously structured curriculum that includes at least a semester abroad at one of the University's partner institutions with an all-business curriculum (for example Université Paris IX Dauphine, Institut de Formation Internationale-Groupe ESC Rouen, or EPSCI Groupe ESSEC-Cergy-Pontoise). While abroad, students continue their Robins School International Business concentration in a French environment with French and other international students.

In order to prepare for the immersion experience, students will have a solid base at the 300 level on campus; upon their return they will broaden their knowledge of French literature and culture through advanced seminars and they will continue their Robins School coursework. The French component of the program thus consists of five courses taken on campus, plus 4-5 taken abroad, or the equivalent of the 9-course major in French. French/International Business Option students also will complete the Senior Portfolio Project.

(See French section for more specifics.)

- Three 300-level courses (at least one FSLT)
- One semester full-time study at an approved business school (with all-French curriculum) in a French-speaking country
- Two 400-level courses numbered 411 or higher
- Senior Portfolio Project (noncredit)

2. The German Major/International Business Option

The German Major/International Business Option requires that students study for at least a full semester at the Richmond's partner school Austria, Wirtschafts Universitat Wien (Vienna University of Economics and Business Administration).

In addition to satisfying the requirements for the business administration major with an international business concentration, students must complete:

(See German section for more specifics.)

- Six courses in German at the 300 or 400 level
- At least one full semester of study at Wirtschafts Universitat Wien
- German 202 or its equivalent before study in Vienna

- At least one concurrent course taken in German while in Vienna
- Senior research project on a topic connected to the combined major, about 20 pages, written in English or German (2 sem hrs.)

3. The Spanish Major/International Business Option

The curriculum of the Spanish Major/International Business Option includes at least a semester abroad at one of the University's Spanish language partner institutions that is a Robins School partner (for example, Universidad Torcuato Di Tella in Argentina, Pontificia Universidad Católica Argentina, Pontificia Universidad Católica de Chile, Universidad de Deusto in Spain, or Instituto Tecnológico y de Estudios Superiores de Monterrey in Mexico). While abroad, students continue their Robins School concentrations in classes with both local and international students.

In order to prepare for the experience abroad, students will have a solid base of 300-level courses taken at Richmond. Upon return they will broaden their knowledge of literary and cultural studies through advanced seminars, as well as additional Robins School coursework. The Spanish component of this program thus consists of five courses taken on campus, plus four or five taken abroad, or the equivalent of a nine-course major in Spanish.

(See Latin American and Iberian Studies for more specifics.)

- Three 300-level courses (at least one FSLT), normally taken prior to study broad.
- At least one semester full-time study at an approved business school with an all-Spanish curriculum in a Spanish-speaking country.
- Two 400-level seminars upon return to Richmond

Dual Diploma Program with Institut de Formation Internationale Groupe ESC Rouen

International business students may apply for the dual diploma program with Institut de Formation Internationale (IFI) Groupe ESC Rouen. This program is designed for highly qualified international business students and admission is on a competitive basis. Studying at IFI during their junior year, accepted students will be required to complete the IFI third-year curriculum. Additionally, an approved work placement/internship, and a significant research project must be completed. When the student returns to the University of Richmond and completes requirements for the B.S.B.A. degree with an international business concentration, the Diplôme de l'Institut de Formation Internationale will be awarded by IFI Groupe ESC Rouen. Contact the associate dean for international business programs for additional information on the dual diploma program.

COURSES

IBUS 381 International Business Environment

Introduction to field of international business: national economic and cultural differences; international trade policies and institutions; foreign direct investment; regional economic integration; international monetary system; global competition; current international business trends and developments. *Prerequisite:* At least junior standing. *3 sem. hrs.*

IBUS 388 Selected Topics in International Business

Examination of major area of international business not routinely studied in other courses. *Prerequisite:* permission of instructor. *1-3 sem. hrs.*

IBUS 389 Directed Independent Study

Independent research on an international business topic conducted under the direct supervision of an instructor. *Prerequisite:* Permission of the instructor. *1-3 sem. hrs.*

IBUS 390 International Business Issues

Examination of a variety of international business issues. Examples of issues that may be addressed are: Asia/Pacific Management; Doing Business in Mexico; and Business Practices in the European Union. Specific topic determined by professor and announced during the registration period. *Prerequisites:* At least junior standing; other prerequisites may be specified by instructor. *3 sem. hrs.*

IBUS 411 International Business Strategy

Capstone course for the international business concentration. Readings and in-depth case studies on strategy formulation and implementation in the global business area. Emphasis on emerging competitive trends such as transnational enterprises and collaborative international business arrangements. *Prerequisites:* International Business 381 and senior standing. *3 sem. hrs.*

MANAGEMENT

D. Neil Ashworth, Chair
Professors Ashworth, Eynan, Haddock, New, Tallman
Associate Professors Coughlan, Deans, Eylon, Litteral
Assistant Professors Altay, Bosse, Thompson

COURSES

MGMT 330 Organizational Behavior

Behavioral science concepts and their application to analysis of individual and group behavior in an organizational setting. Conceptual areas include: organizational culture, personality, motivation, learning, perception, communications, attitudes and small groups. *3 sem. hrs.*

MGMT 331 Personnel/Human Resource Management

Human resources decisions made by managers in general, and personnel managers in particular. Steps in employment relationship including job design, human resources requirements, staffing, training, goal setting, performance assessment, rewards and human resource planning and development. *Prerequisite:* Management 330 or permission of instructor. *3 sem. hrs.*

MGMT 333 International Management

Introduction to management challenges businesses face in international environment. Includes overview of cultural factors and their impact on issues such as motivation, communication, recruitment, selection and training. *Prerequisite:* Management 330. *3 sem. hrs.*

MGMT 339 Directed Independent Study

Independent research on a management topic conducted under the direct supervision of an instructor. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

MGMT 340 Operations Management

Introduces a variety of common operations issues that frequently are dealt with both in manufacturing and services industries and that affect other functions of the business. Specific topics include: inventory systems, process design and control, quality and forecasting. *Prerequisite:* Business Administration 201 or equivalent. *3 sem. hrs.*

MGMT 344 Bargaining and Negotiations in Organizations

Multi-disciplinary study of concepts related to bargaining and negotiations. Situations involving interpersonal behavior and group conflict will be examined, using research findings from several academic disciplines including psychology, communications and organizational behavior. A primary objective is to have students discover and improve their own bargaining styles through participation in role-plays and simulations based on real-life scenarios. *Prerequisite:* Management 330. *3 sem. hrs.*

MGMT 345 Management Science

Application of quantitative methods. Typical business problem areas: scheduling, inventories, queues, allocation of resources and market strategies. *3 sem. hrs.*

MGMT 346 Systems Analysis and Design

Focuses on issues related to developing information systems using modern, desktop tools. Will help students learn specific data and process modeling techniques, and experience design process, which will increase their chances of a quality end-user solution when they are in a real business situation. *3 sem. hrs.*

MGMT 347 Entrepreneurship

Process of new venture formation from idea generation to startup. Emphasis on small business strategies, business plan mechanics, venture capitalization, and role of the independent entrepreneur in today's society.

3 sem. hrs.

MGMT 348 Environmental Management

Study of various challenges being faced by today's organizations created by heightened concern for the protection of our natural environment. Topics studied include such issues as air and water pollution, waste management and global warming. 3 sem. hrs.

MGMT 349 Selected Topics in Management

Intended primarily as elective for students in business administration or to provide introductions to branches of management not covered in other courses. *Prerequisite:* Permission of instructor. 1-4 sem. hrs.

MARKETING

Dana Lascu, Chair

Professors Babb, Cossé, Lascu

Associate Professors Ridgway, Weisenberger

Assistant Professor Kukar-Kinney

Visiting Professor Myers

**Marketing Concentration Program Tracks
(suggested courses and sequences)**

Requirements:

- MKT 320 Principles of Marketing
(a prerequisite to all other marketing courses)
- MKT 326 Marketing Research and Analysis
(required of all marketing students)

(1) Product Management Track

- MKT 322 Product Management
- MKT 327 Consumer Behavior
- MKT 427 Marketing Case Analysis

Recommended Elective Courses in Marketing:

- MKT 324 Sales Management
- MKT 325 International Marketing
(for students interested in an international product management career)

Other Recommended Electives:

- PSYC 100 Introduction to Psychological Science
- LDST 101 Foundations of Leadership Studies

(2) Communication Track

- MKT 324 Sales Management
- MKT 327 Consumer Behavior
- MKT 421 Integrated Marketing Communication

Other Recommended Electives:

- PSYC 100 Introduction to Psychological Science
- JOUR 200 News Media and Society
- RHCS 102 Interpersonal Communication
- RHCS 300 Communication Theory

NOTES: Program tracks will fulfill the marketing concentration requirements for the B.S.B.A. degree. However, it is not necessary to follow a specific track in marketing to fulfill these requirements.

COURSES**MKT 320 Principles of Marketing**

Activities by which the planning and exchange of ideas, goods and services are explained from inception to final consumption. Analysis of markets and their environments, development of marketing strategy, evaluation and control of marketing programs.

Prerequisites: Accounting 201, 202 and Economics 101, 102. 3 sem. hrs.

MKT 322 Product Management

Decisions made by brand manager as product moves through its life cycle including new product development, product management, and product portfolio assessment. Uses case study and lecture. *Prerequisite:* Marketing 320. 3 sem. hrs.

MKT 323 Database Marketing

An overview of techniques for manipulating, analyzing and presenting marketing data. Techniques are applied to major types of marketing databases: survey, scanner, direct marketing and census data. Students will make extensive use of SPSS, Excel and Answer Tree software packages. *Prerequisite:* Marketing 320. 3 sem. hrs.

MKT 324 Sales Management

Sales force management program, allocation of sales effort; recruiting; selection and training, motivation, supervision, compensation, evaluation, and control of the sales force; elements of the personal selling process. *Prerequisite:* Marketing 320. 3 sem. hrs.

MKT 325 International Marketing

Global market and its influence on domestic as well as international marketing including cultural, political and economic factors. Analysis includes screening of foreign markets for entry of U.S. products and subsequent development of market plans as well as strategic responses to effects of international trade on U.S. market. *Prerequisite:* Marketing 320. 3 sem. hrs.

MKT 326 Marketing Research and Analysis

Concepts, methodology, and techniques. Research design and statistical analysis. Validity and reliability of research information. **Note:** Marketing 326 is required in the Marketing concentration area. *Prerequisites:* Marketing 320 and Business Administration 301. 3 sem. hrs.

MKT 327 Consumer Behavior

Emphasis on understanding of individuals as consumers and organizational buyers; actions consumers engage in while selecting, purchasing and using products or services in order to satisfy needs and desires. Focus on psychological, emotional, social and physical processes that precede or follow these actions; how offerings can be targeted more efficiently and effectively to consumer. *Prerequisite:* Marketing 320. 3 sem. hrs.

MKT 328 Directed Independent Study

Independent research on a marketing topic conducted under the direct supervision of an instructor. *Prerequisite:* Permission of instructor. 1-3 sem. hrs.

MKT 329 Selected Topics in Marketing

Major areas in marketing such as retailing, personal selling, industrial marketing, service marketing and advanced market research. Specific area varies by semester. *Prerequisite:* Permission of instructor. 1-3 sem. hrs.

MKT 421 Integrated Marketing Communications

Focus on coordination of organization's whole communications strategy to convey a consistent message to target customer. *Prerequisite:* Marketing 320. 3 sem. hrs.

MKT 427 Marketing Case Analysis

Application of marketing concepts to analysis and formulation of marketing programs using case studies. *Prerequisite:* Marketing 320. 3 sem. hrs.

MKT 428 Strategic Market Planning

Senior-level honors course. Students working in small teams act as "consultants" to local businesses in developing a strategic market plan for their assigned company. Formal written reports and presentations will be developed and presented. *Prerequisites:* Recommendation by faculty member and permission of instructor. 3 sem. hrs.

PROFESSIONAL DEVELOPMENT PROGRAM

Students seeking a degree in the Robins School of Business will participate in the Professional Development Program. Through professional and career development workshops, this program aspires to motivate students beyond simple knowledge acquisition toward continuous strengthening of specific skills and abilities known to be vital in the workplace and life. These competencies include: integrating functional business knowledge, skills and abilities into all areas of business; creatively addressing complex business problems; communicating in a highly effective manner; initiating, leading and adapting to change; engaging in appropriate ethical and professional behavior; and understanding and appreciating human demographic, socioeconomic, cultural and intellectual differences.

Students will be required to attend workshops and programming, and complete assignments associated with PDP each semester. To demonstrate acquisition of proficiency in the seven competencies, student are required to develop a portfolio illustrating their progress in achieving core competence (RSB student outcomes) in each critical area.

COURSES**PDP 201 Professional Development I**

Taken the second semester of the sophomore year. Introduction to the Professional Development Program. Designed to orient students about acquiring and enhancing the seven competencies vital to their success beyond the University of Richmond. Students will be introduced to the inductive learning process, internship search techniques and service learning, and will be given opportunities to explore business-related interests, abilities and values. In addition, students will learn more about the portfolio CD relative to content and process. Graded Satisfactory/Unsatisfactory. 0 sem. hrs.

PDP 311 Professional Development II

Taken in the first semester of the junior year. Students participate in two half-day professional development training sessions and two two-hour professional development training sessions on the following topics: Increasing Communication Effectiveness; Effective Presentation Skills (includes critique and feedback); and Effective Business Writing Skills. Graded Satisfactory/Unsatisfactory. *Prerequisite:* Professional Development 201. 0 sem. hrs.

PDP 312 Professional Development III

Taken in the second semester of the junior year. Students participate in two half-day professional development seminars on Global & Cultural Awareness and Inclusive Diversity. Two additional sessions, one on Developing Your Portfolio CD and a career/professional development session on topics such as ethics, networking and dressing for success are required as well. Graded Satisfactory/Unsatisfactory. *Note: Course can be substituted for one section of Wellness 090. Prerequisite:* Professional Development 311. 0 sem. hrs. (WEL2)

PDP 411 Professional Development IV

Taken in the first semester of the senior year. This course focuses primarily on completing a portfolio to demonstrate competence in the seven outcomes. Graded Satisfactory/Unsatisfactory. *Prerequisite:* Professional Development 312. 0 sem. hrs.

Additional activities that help students acquire knowledge of the seven competencies

Mentoring Program

The Professional Development Program in collaboration with the Executive Advisory Council (EAC) of the Robins School of Business has developed a mentoring program for juniors that helps the transition to the professional world.

Members of the EAC provide career guidance/mentoring regarding the practical application of the RSB competencies. They will help interested students in the following ways:

- Meet one-on-one to provide general career coaching and advice
- Provide input regarding specific career questions/issues
- Discuss challenges faced when transitioning from school to work
- Share real world experiences that have impacted their careers
- Help define a strategy for ongoing growth and professional development

JEPSON SCHOOL OF LEADERSHIP STUDIES

The Jepson School of Leadership Studies offers the degree of Bachelor of Arts. To earn this degree a candidate must satisfactorily complete the curricular requirements outlined in the following sections and meet the general degree requirements of the University.

The Jepson School of Leadership Studies seeks to develop in each student a base of knowledge for understanding leadership in a variety of settings. Curriculum goals are achieved through courses that emphasize both leadership theory and practice, thus helping students connect knowledge gained through coursework to the world outside the classroom.

Admission Procedures

Students interested in the major or minor must apply and be selected by the Jepson School of Leadership Studies. Students should submit a formal application in the fall of their second academic year of study.

To be considered for admission to the Jepson School of Leadership Studies, a student must:

- Complete the Jepson School admissions application by October 1 of the student's second year
- Arrange for a recommendation and transcript to be sent directly to the associate dean for student and community affairs
- Have completed or be enrolled in Leadership Studies 101 Foundations of Leadership Studies

For further information, please contact:

*The Dean's Office, Jepson School of Leadership Studies
University of Richmond, VA 23173
Telephone: (804) 289-8008*

LEADERSHIP STUDIES

Jepson School of Leadership Studies

Professors Ciulla, Forsyth, Goethals, Hickman, McDowell, Wren

Associate Professors Hicks, Price

Assistant Professors Hoyt, Mitric, Williamson, Zivi

Leadership Studies Major

Note: The grade point average of the coursework comprising the major must be no less than 2.3, with no course grade below a C- (1.7).

Students wishing to major in Leadership Studies must apply for admission to the Jepson School of Leadership Studies during the fall semester of their second year.

The Leadership Studies major consists of 39 semester hours of coursework including the following:

A. Required Courses, 24 semester hours:

- LDST 101 Foundations of Leadership Studies
- LDST 205 Justice and Civil Society
- LDST 250 Critical Thinking
- LDST 251 Group Dynamics
- LDST 300 Theories and Models of Leadership
- LDST 389 Research Methods (the following courses have been approved as substitutes for LDST 389: MATH 219, PLSC 372, PLSC 373, PLSC 374, PSYC 200, SOC 211, MKT 326. Versions of RHCS 295 that focus on interviewing methods and focus groups, ethnography, survey design and experimental methods also meet the research methods requirement.)
- LDST 450 Ethics and Leadership
- LDST 488 Internship

- B. Advanced Courses, 15 semester hours
- LDST 302 Leadership in Organizations
 - LDST 303 Leadership in Political Contexts
 - LDST 304 Leadership in Social Movements
 - LDST 305 Leadership in Community and Volunteer Organizations
 - LDST 306 Leadership in Cultural and Historical Contexts
 - LDST 307 Leadership in International Contexts
 - LDST 308 The Creation of the American Republic
 - LDST 353 Leadership and Motivation
 - LDST 354 Conflict Resolution
 - LDST 356 Leading Change
 - LDST 357 Analyzing and Making Policy
 - LDST 358 Communicating and Leading
 - LDST 378 Statesmanship
 - LDST 379 Reason, Rhetoric and Leadership
 - LDST 386 Leadership in a Diverse Society
 - LDST 387 Leadership and Religious Values
 - LDST 390 Selected Topics
 - LDST 399 Junior Honors Tutorial
 - LDST 490 Student-Initiated Independent Study
 - LDST 491 Collaborative Independent Study
 - LDST 492 Directed Study
 - LDST 495-496 Senior Thesis I and II
 - LDST 497-498 Senior Honors Thesis I and II

Leadership Studies Minor

Note: The grade point average of the coursework comprising the minor must be no less than 2.3, with no course grade below a C- (1.7).

Students wishing to minor in Leadership Studies must apply for admission to the Jepson School of Leadership Studies during the fall semester of their second year.

The Leadership Studies minor consists of 24 semester hours of coursework including the following:

- A. Required Courses, 18 semester hours:
- LDST 101 Foundations of Leadership Studies
 - LDST 205 Justice and Civil Society
 - LDST 250 Critical Thinking
 - LDST 251 Group Dynamics
 - LDST 300 Theories and Methods of Leadership
 - LDST 450 Ethics and Leadership
- B. Advanced Courses, six semester hours:
- LDST 302 Leadership in Organizations
 - LDST 303 Leadership in Political Contexts
 - LDST 304 Leadership in Social Movements
 - LDST 305 Leadership in Community and Volunteer Organizations
 - LDST 306 Leadership in Cultural and Historical Contexts

- LDST 307 Leadership in International Contexts
- LDST 308 The Creation of the American Republic
- LDST 353 Leadership and Motivation
- LDST 354 Conflict Resolution
- LDST 356 Leading Change
- LDST 357 Analyzing and Making Policy
- LDST 358 Communicating and Leading
- LDST 378 Statesmanship
- LDST 379 Reason, Rhetoric and Leadership
- LDST 386 Leadership in a Diverse Society
- LDST 387 Leadership and Religious Values
- LDST 389 Research Methods
- LDST 390 Selected Topics
- LDST 490 Student-Initiated Independent Study
- LDST 491 Collaborative Independent Study
- LDST 492 Directed Study

Honors in Leadership Studies

The Jepson School Faculty offers a track by which students with a proven academic record of intellectual initiative and scholarly drive can earn honors in Leadership Studies. The faculty invites interested students to apply for the Honors track. The deadline for this application is October 1 of the student's junior year. To qualify, a student must be a Leadership Studies major, hold at least a 3.30 cumulative GPA and at least a 3.30 Leadership Studies GPA, and have earned a B or higher in at least four Leadership Studies courses. The application form is available for qualified juniors from the associate dean for Academic Affairs.

Once accepted to the Honors track, in order to receive Honors in Leadership Studies, a student must:

- Enroll in Leadership Studies 399 Junior Honors Tutorial, for spring semester of junior year. (Students planning to study abroad during this semester may make alternate arrangements with the associate dean for Academic Affairs and relevant faculty members.)
- Submit a five-page proposal and preliminary bibliography to be accepted by the course instructor and a Jepson faculty thesis advisor.
- Enroll in Leadership Studies 497 and 498, Senior Honors Thesis I and II, during senior year.
- Successfully present one chapter, bibliography, and chapter-by-chapter outline of thesis to the student's committee by the last day of classes in the fall semester of senior year.
- Successfully defend thesis before the student's committee by the last day of classes in the spring semester of senior year.
- Complete undergraduate program with at least a 3.30 cumulative GPA and at least a 3.30 Leadership Studies GPA.

The student in the Honors track must complete all aspects of the standard Jepson curriculum. Leadership Studies 497 and 498 can count for a maximum of three semester hours of advanced course credit.

Study Abroad

Leadership Studies students are encouraged to study abroad. Majors may count a maximum of six semester hours of study abroad credit toward the advanced course requirement. Minors may count a maximum of three semester hours of study abroad credit toward the advanced course requirement. One of the courses may be “generally related” to leadership. Determination of whether a course is generally related to leadership will be made by the associate dean for Academic Affairs and, if applicable, by the student’s Jepson advisor. The other course must be “substantially similar” to the content of a Leadership Studies elective course or the required Research Methods course. The determination of whether a course is substantially similar to a Jepson elective or the required research methods course is to be made by the academic affairs committee. Students are encouraged to study abroad in the spring of the junior year, although alternate arrangements typically can be made to accommodate students planning to study abroad in the fall of the junior year. Study abroad guidelines are available from the associate dean for Academic Affairs.

COURSES

LDST 101 Foundations of Leadership Studies

Introduction to leadership as an object of study through examination of its historical foundation and intellectual development. Readings from philosophy, politics, literature and social theory. Emphasis on assessing classic texts in light of reasoned argument and on drawing leadership implications. *3 sem. hrs.*

LDST 205 Justice and Civil Society

Exploration of contemporary society and understandings of justice. Readings on civil society, theories of justice, and analysis of poverty and related socio-economic problems. Includes a service learning component with critical reflection on community service to populations in need. *Prerequisite:* Leadership Studies 101. *3 sem. hrs.*

LDST 250 Critical Thinking

Examination of knowledge and argumentation as they pertain to leadership. Analysis of scientific methodology and logic, language and interpretation, and their influence on the study and practice of leadership. *Prerequisites:* Leadership Studies 101 and admission to the Jepson School of Leadership Studies as a major or minor. *3 sem. hrs.*

LDST 251 Group Dynamics

Introduction to scientific study of group processes through vocabulary, concepts, theories and research. Both classic and contemporary theories and research are presented. Emphasis on both theoretical and applied components of group dynamics. *Prerequisites:* Leadership Studies 101 and admission to the Jepson School of Leadership Studies as a major or minor. *3 sem. hrs.*

LDST 300 Theories and Models of Leadership

Examination of theories and models in leadership studies. Introduces role of theory in social science, and both classic and contemporary leadership theories/models are presented. Emphasis on critical analysis of theoretical perspectives. *Prerequisites:* Leadership Studies 101, 250 and 251 and admission to the Jepson School of Leadership Studies as a major or minor. *3 sem. hrs.*

LDST 302 Leadership in Organizations

Focus on leadership theory and research within and across formal organizational settings such as public/private, profit/nonprofit, professional/nonprofessional and unitary/multidivisional. Examination of rational, natural and open systems and how leadership differs in each system. Leadership Studies majors and minors may substitute Management 330 Organizational Behavior for Leadership Studies 302. *Prerequisite:* Leadership Studies 300. *3 sem. hrs.*

LDST 303 Leadership in Political Contexts

Informal and formal processes by which power and authority are exercised and leadership is selected within political systems in various settings. Examination of leadership in basic processes and institutions of government through case study of legislative issues. *3 sem. hrs.*

LDST 304 Social Movements

Exploration of history of leadership in social movements. Comparison and contrast of forms, mechanisms and practices of leadership in various stages of a social movement. Examination of values of leaders as expressed through stories of ordinary people involved in leadership in social movements. *3 sem. hrs.*

LDST 305 Leadership in Community and Volunteer Organizations

Examination of leadership in nonprofit sector organizations ranging from United Way to small neighborhood associations. Differentiation of leadership roles within organizations by structure, size, membership and mission. Examination of responsibility for leadership as it pertains to voluntary organizations. *3 sem. hrs.*

LDST 306 Leadership in Cultural and Historical Contexts

Analysis of impact of larger contextual factors on the process of leadership. Exploration of role of long-term social, political, economic and intellectual forces, as well as the influence of cultural norms and values. Emphasis on application to actual leadership situations. *3 sem. hrs.*

LDST 307 Leadership in International Contexts

Comparative study of leadership in other cultures and in cross-cultural organizations. Topics include cultural and ethical influences on leadership, the relationship between leaders and followers in other cultures and problems of cross-cultural leadership. *3 sem. hrs.*

LDST 308 The Creation of the American Republic

Examines principles and practice of leadership within political context of the founding of the American Republic from 1776 through 1788. Primary focus will be on day-to-day work of the Constitutional Convention and the subsequent debates over ratification of the new constitution. (Same as Political Science 330.) *3 sem. hrs.*

LDST 353 Leadership and Motivation

Examination and evaluation of theories of human motivation as they apply to leadership. Application of motivation principles to leadership situations through case analysis, simulation and role play. Analysis of concepts of needs theory, reinforcement theory and cognitive theory of motivation in specific contextual settings. *Prerequisite:* Leadership Studies 300. *3 sem. hrs.*

LDST 354 Conflict Resolution

Understanding principles and dynamics of achieving workable unity. Discussion of negotiating techniques and ethical issues related to use of such techniques by leaders. Use of simulations and exercises to practice skills for resolving conflicts. *3 sem. hrs.*

LDST 356 Leading Change

Examines theories, concepts and processes of leadership and change in several contexts including organizational, community, political and societal. Focuses on purpose or reason for leading change in social structures, human conditions, dominant ideas or prevailing practices using theoretical and experiential approaches. *3 sem. hrs.*

LDST 357 Analyzing and Making Policy

Examination of leadership in analysis, making and conduct of policy. Analysis of choices, roles and moral dimensions involved in cycle of policy. Comparison of policy making and leadership in different contexts. *3 sem. hrs.*

LDST 358 Communicating and Leading

Explores characteristics of competent leadership communication (in terms of both knowledge and skills) in a variety of situations, including dyadic, group, organizational and extra-organizational contexts. Stresses interdependence of leader-follower communication, and roles and functions of messages and message activity (for example, message sending, interpreting, creating and storing) in the leadership process. *Prerequisite:* Leadership Studies 300. *3 sem. hrs.*

LDST 378 Statesmanship

Focus on statesmanship through historical and biographical case studies of such figures as the American founders, Abraham Lincoln and Winston Churchill. Also will seek to understand ways in which constitutional, legal and political institutions can encourage, thwart or direct leadership on a grand political scale. (Same as Political Science 310.) *3 sem. hrs.*

LDST 379 Reason, Rhetoric and Leadership

Consideration of the relationship between rhetoric and leadership. Focus will be on such examples as Thucydide's *History of the Peloponnesian War*, the Declaration of Independence, *The Federalist Papers*, and the oratory of Abraham Lincoln and Winston Churchill. (Same as Political Science 316.) *3 sem. hrs.*

LDST 386 Leadership in a Diverse Society

Focuses on historical and contemporary issues concerning the role, responsibility and process of leadership in diverse communities, organizations or groups. Students use readings, projects and class exercises to examine leadership in diverse settings and in the classroom. *3 sem. hrs.*

LDST 387 Leadership and Religious Values

Study of how persons draw, directly and indirectly, on their religious-based moral convictions as they lead and serve in various spheres of pluralistic, public life. Focus on appropriate role(s) of religion in politics, the workplace, schools and universities, and civic organizations. (Same as Religion 370.) *3 sem. hrs.*

LDST 389 Research Methods

In-depth examination of various research methods used in leadership studies. Consideration of issues associated with design of studies, collection of various kinds of data, writing research proposals and reports, and analysis of data. *3 sem. hrs.*

LDST 390 Selected Topics

Topics developed by Jepson School faculty, visiting faculty, or faculty in other schools of the University that address particular issues in leadership studies. Examples may include Leadership and Psychology and Literature and Leadership. May be taken more than once if topics vary. *Prerequisite:* Varies depending on topic. *3 sem. hrs.*

LDST 399 Junior Honors Tutorial

Juniors accepted to honors track (in fall of junior year) work with Jepson faculty members in this spring tutorial to develop thesis proposal and preliminary bibliography to be accepted by the course instructor and a Jepson Faculty thesis advisor. *Prerequisite:* Acceptance to honors track. *1 sem. hr.*

LDST 450 Ethics and Leadership

Study of how moral values and assumptions shape concepts and practice of leadership. Includes role of values in determining moral obligations of leaders and followers in shaping moral environments, and in policy making and vision. *Prerequisites:* Leadership Studies 300. Restricted to senior majors and minors or by permission of instructor. *3 sem. hrs.*

LDST 488 Internship

Applied experience in field of leadership studies and accompanying seminar. Observations of leaders in government, corporate or nonprofit settings. Majors only. May not be taken prior to spring semester of junior year. *3 sem. hrs.*

Independent Study

Independent study refers to special projects pursued under supervision of a Jepson faculty member. Jepson recognizes two types of independent study projects: student initiated and collaborative.

LDST 490 Student-Initiated Independent Study

Student-initiated independent research allows students to pursue research on their own topic of interest under the supervision of a faculty member. Student-initiated independent study proposals must be submitted to the associate dean for Academic Affairs at least two weeks before the beginning of classes for the semester in which the independent study is to take place. The student-initiated independent research experience will culminate in a final written product. *Prerequisite:* Departmental approval. *1-6 sem. hrs.*

LDST 491 Collaborative Independent Study

Collaborative independent research provides students with the opportunity to conduct research collaboratively with a Jepson faculty member on a project of theoretical or methodological importance to the faculty member's program of research. Collaborative independent research must involve more than providing research assistance to an ongoing project; rather, the student must take responsibility for conducting original research of scholarly value. Collaborative independent research will be grounded in rigorous methods appropriate to the discipline in which the student is working and will culminate in a final written product. *Prerequisite:* Departmental approval. *1-6 sem. hrs.*

LDST 492 Directed Study

Group reading and research in a specified area of leadership studies under faculty supervision. *Prerequisite:* Departmental approval. *3 sem. hrs.*

LDST 495-496 Senior Thesis I and II

Year-long engagement in independent research project under supervision of faculty advisor. *Prerequisites:* Departmental approval. *3-3 sem. hrs.*

LDST 497-498 Senior Honors Thesis I and II

Year-long engagement in independent research to produce written thesis worthy of honors in Leadership Studies. See description of Jepson Honors track for further details. *Prerequisites:* Leadership Studies 399 and commitment of a faculty thesis advisor are required to register for 497; in December of senior year, upon oral presentation of research and proposal, Jepson faculty verifies permission to enroll in 498. *3-3 sem. hrs.*

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FACULTY LIBRARIANS

- Fairtile, Linda**, *Music Librarian*; 2002 B.A. (Oberlin College), B.Mus. (Oberlin Conservatory of Music), M.A. (New York University), M.L.S. (St. Johns University)
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- Humbert, Richard E.**, *Professor of Health and Physical Education, Emeritus*; 1955 B.A., M.A. (University of Richmond), Ed.D. (Calvin Coolidge College)
- Ivey, George N.**, *Senior Associate Director of Athletics and Associate Professor of Education*; (1976) 1982 B.Ed. (University of Omaha), B.S. (State University of New York at Albany), M.S. (Troy State University), Ed.S., Ed.D. (College of William and Mary), Graduate (United States Army Command and General Staff College), Graduate (Naval War College)
- James, Robison B.**, *Professor of Religion, The George and Sallie Cutchins Camp Professor of Bible and Solon B. Cousins Professor of Religion, Emeritus*; 1962 B.A. (University of Alabama), B.D. (Southern Baptist Theological Seminary), (University of Edinburgh, Scotland), Ph.D. (Duke University)

- Johnson, Charles W., Jr.**, *Professor of Art History, Emeritus*; 1967 B.M.Ed. (Westminster College), M.S.M. (Union Theological Seminary, New York), Ph.D. (Ohio University)
- Jordan, E. Williamson**, *Associate Professor of Health and Sport Science*; 1966 B.A. (University of Richmond), M.Ed. (University of North Carolina)
- Kent, Joseph F., III**, *Professor of Computer Science, Emeritus*; 1973 B.A., M.A., M.C.S., Ph.D. (University of Virginia)
- Key, Francis**, *Assistant Professor of Mathematics, Emeritus*; 1941 B.S. (Washington and Lee University) M.A. (Duke University)
- Kozub, Frederick J.**, *Associate Professor of Psychology, Emeritus*; 1968 B.A. (State University of New York at Buffalo), M.A. (Hollins College), Ph.D. (University of Virginia)
- Leftwich, Francis B.**, *Professor of Biology, Emeritus*; 1964 B.A., M.A. (University of Richmond), Ph.D. (University of Tennessee)
- Mateer, Richard A.**, *Dean, Richmond College, Associate Dean, School of Arts and Sciences, and Associate Professor of Chemistry*; 1966 A.B. (Centre College), (University of Kentucky), Ph.D. (Tulane University)
- McMurtry, Josephine B.**, *Professor of English, Emerita*; 1969 B.A. (Texas Woman's University), Ph.D. (Rice University)
- Monk, Clarence**, *Associate Professor of Mathematics, Emeritus*; 1959 B.A., B.S. (Emory and Henry College), M.S., Ph.D. (Columbia University)
- Nelson, Robert M.**, *Professor of English, Emeritus*; (1969) 1975 B.A. (University of Virginia), M.A., Ph.D. (Stanford University)
- Oberg, Charlotte H.**, *Associate Professor of English*; 1970 B.A., M.A. (University of Richmond), Ph.D. (University of Virginia)
- Outland, John W.**, *Professor of Political Science and International Studies, Emeritus*; 1969 B.A. (Whittier College), Ph.D. (Syracuse University)
- Pate, Donald W.**, *Associate Professor of Health and Sport Science*; (1973) 1982 B.S., M.S. (Moorhead State College), Ph.D. (University of Utah)
- Pendleton-Kirby, Catharine C.**, *Assistant Professor of Music, Emerita*; (1963), 1966 B.Mus. (Woman's College of the University of North Carolina)
- Penninger, F. Elaine**, *Professor of English, Emerita*; 1963 A.B. (Woman's College of the University of North Carolina), M.A., Ph.D. (Duke University)
- Powell, W. Allan**, *Professor of Chemistry, Emeritus*; 1952 B.S. (Wake Forest College), (University of Pittsburgh); Ph.D. (Duke University)
- Robert, Joseph Clarke**, *Professor of History, Emeritus*; 1961 A.B., LL.D. (Furman University), A.M., Ph.D. (Duke University), Litt.D (Washington and Lee University), L.H.D. (Medical College of Virginia)
- Rilling, John R.**, *Professor of History, Emeritus*; 1959 B.A. (University of Minnesota), M.A., Ph.D. (Harvard University)
- Rohaly, Kathleen A.**, *Professor of Health and Sport Science and Women's Studies, Emerita*; 1971 B.S. (Lock Haven State College), M.S. (Pennsylvania State University), Ph.D. (Ohio State University)
- Rudolf, Homer**, *Professor of Music, Emeritus*; 1976 B.A. (Jamestown College), M.A. (University of Southern California), Ph.D. (University of Illinois at Urbana-Champaign)
- Ryle, J. Martin**, *Professor of History, Emeritus*; 1964 A.B. (Furman University), M.A., Ph.D. (Emory University)
- Seaborn, James B.**, *Professor of Physics, The Robert Edward & Lena Frazer Loving Chair of Physics, Emeritus*; (1965), 1970 B.S., M.S. (Florida State University), Ph.D. (University of Virginia)
- Stokes, Marion J.**, *Professor of Mathematics, Emerita*; (1950) 1953 B.A. (Randolph-Macon Woman's College), M.A. (University of Virginia)
- Tarver, Jerry L.**, *Professor of Speech Communication*; 1963 B.A., M.A., Ph.D. (Louisiana State University)
- Taylor, Elizabeth B.**, *Professor of Mathematics, Emerita*; (1952) 1957 B.A. (Winthrop College), M.A. (Duke University), Ph.D. (Columbia University)
- Taylor, Jackson J.**, *Professor of Physics, Emeritus*; 1948 B.S. (University of Richmond), M.S. (Cornell University)
- Taylor, Welford D.**, *Professor of English, James A. Bostwick Chair of English, Emeritus*; 1964 B.A., M.A. (University of Richmond), Ph.D. (University of Maryland)
- Thomas, David Allen**, *Associate Professor of Communication Studies, Emeritus*; 1986 B.A., M.A. (Hardin-Simmons University), Ph.D. (Michigan State University)
- Traynelis-Yurek, Elaine F.**, *Professor of Education, Emerita*; 1980 B.A., M.A., Ed.D. (West Virginia University)
- Tromater, L. James**, *Professor of Psychology, Emeritus*; 1966 B.A. (Bethany College), M.A. (University of Illinois), Ph.D. (Texas Christian University)
- Underhill, Frances A.**, *Professor of History, Emerita*; 1964 A.B., A.M. (University of Michigan), Ph.D. (Indiana University)

- Ward, Harry M.**, *Professor of History, William Binford Vest Chair of History, Emeritus*; 1965 B.A. (William Jewell College), M.A., Ph.D. (Columbia University)
- Welsh, John D.**, *Professor of Theatre, Emeritus*; 1965 B.A. (University of Richmond), M.A., Ph.D. (Tulane University)
- Westin, R. Barry**, *Professor of History, Emeritus*; 1961 B.A. (Grove City College), M.A., Ph.D. (Duke University)
- West, Warwick R., Jr.**, *Professor of Biology, Emeritus*; 1952 B.S. (Lynchburg College), Ph.D. (University of Virginia)
- Willett, Doris L.**, *Assistant Professor of Mathematics, Emerita*; (1962), 1965 B.S., M.A. (Western Carolina College), Graduate Study (University of North Carolina), (North Carolina State University), (University of Virginia)
- Wingrove, C. Ray**, *Professor of Sociology, The Irving May Chair in Human Relations, Emeritus*; 1971 B.A. (University of Richmond), M.A., Ph.D. (University of North Carolina at Chapel Hill)
- Withers, Nathaniel R.**, *Associate Professor of Mathematics and Computer Science, Emeritus*; 1970 B.S., M.A. (College of William and Mary), M.S., D.A. (Carnegie-Mellon University)

FACULTY OF THE SCHOOL OF BUSINESS

The year given designates the year of appointment. The year with () is the year of first appointment.

- Altay, Nezhil**, *Assistant Professor of Management*; (2000) 2002 B.S. (Bogazici University, Istanbul, Turkey), M.B.A. (University of Texas-Pan American), Ph.D. (Texas A&M University)
- Arnold, Thomas M.**, *Assistant Professor of Finance*; 2003 B.A. (LaSalle University), M.S. (Temple University), Ph.D. (University of Georgia)
- Asaftei, Gabriel**, *Instructor of Economics*; 2004 B.A. (Academy of Economics, Bucharest, Romania), M.A. (State University of New York at Binghamton)
- Ashworth, D. Neil**, *Professor of Management*; 1981 B.B.A. (University of Kentucky), M.Com. (University of Richmond), M.B.A., Ph.D. (University of South Carolina)
- Babb, Harold W.**, *Professor of Marketing*; 1977 B.S. (University of Richmond), M.S. (Virginia Commonwealth University), Ph.D. (Virginia Polytechnic Institute and State University)
- Bosse, Douglas A.**, *Assistant Professor of Management*; 2006 B.S. (Miami University), M.B.A., Ph.D. (Ohio State University)
- Clickeman, Paul M., C.P.A., C.I.A.**, *Associate Professor of Accounting*; 1995 B.S. (Valparaiso University), M.B.A. (University of Chicago), Ph.D. (University of Wisconsin)
- Conover, C. Mitchell**, *Associate Professor of Finance*; 2000 B.A. (University of Maryland), M.B.A. (East Carolina University), Ph.D. (Florida State University)
- Cook, Robert Winston, Jr.**, *Associate Professor of Economics*; 1980 B.A. (University of Richmond), M.A., Ph.D. (Virginia Polytechnic Institute and State University)
- Cossé, Thomas J.**, *Professor of Marketing and International Business Studies, Associate Dean of International Business Programs, and CSX Chair in Management and Accounting*; 1975 B.S.B.A. (University of Southwestern Louisiana), M.B.A., Ph.D. (University of Arkansas)
- Coughlan, Richard S.**, *Associate Professor of Management and Associate Dean for Graduate and Executive Business Programs*; 1998 B.S. (University of Virginia), M.B.A., M.S., Ph.D. (University of Arizona)
- Craft, Erik D.**, *Associate Professor of Economics*; 1994 B.A. (St. Lawrence University), M.A., Ph.D. (University of Chicago)
- Croushore, Dean D.**, *Associate Professor of Economics and the Rigsby Fellow in Economics*; 2003 A.B. (Ohio University), M.A., Ph.D. (Ohio State University)
- Datta, Shakun**, *Assistant Professor of Economics*; 2006 B.A., M.A. (University of Delhi), M.S. (Purdue University)
- Dean, David H.**, *Associate Professor of Economics*; 1987 B.A. (Hobart College), M.A., Ph.D. (Rutgers University)
- Deans, P. Candace**, *Associate Professor of Management*; 2002 B.S. (University of North Carolina at Chapel Hill), M.Ed. (North Carolina State University), M.B.A. (East Carolina University), Ph.D. (University of South Carolina), M.L.A. (University of Arizona)
- Dolan, Robert C.**, *Professor of Economics*; 1980 B.A. (Hobart College), M.S., Ph.D. (Rutgers University)

- Earl, John H., Jr., C.F.A., C.I.C., C.L.U., C.H.F.C., A.R.M., C.F.P.**, *Associate Professor of Finance*; 1981 B.B.A., M.S.B.A. (University of Massachusetts at Amherst), Ph.D. (Arizona State University)
- Eylon, Dafna**, *Associate Professor of Management and Psychology and F. Carlyle Tiller Chair in Business*; 1994 B.A. (Tel-Aviv University), Ph.D. (University of British Columbia)
- Eynan, Amit**, *Professor of Management*; 2003 B.S., M.S. (Technion-Israel Institute of Technology, Haifa, Israel), M.S., Ph.D. (Washington University)
- Fagan, Marbury A., II, C.P.A.**, *Director of Software Instruction*; 1994 B.S., M.B.A. (University of Richmond)
- Fishe, Raymond P. H.**, *Professor of Finance and Distinguished Chair in Finance*; 2003 B.S.B.A., Ph.D. (University of Florida)
- Geiger, Marshall A., C.P.A.**, *Professor of Accounting and Joseph A. Jennings Chair in Business*; 2000 B.S.B.A. (Bloomsburg University of Pennsylvania), M.S., Ph.D. (Pennsylvania State University)
- Haddock, Jorge**, *Dean and Professor of Management*; 2005 B.S. (University of Puerto Rico), M.S. (Rensselaer Polytechnic Institute), Ph.D. (Purdue University)
- Harrison, Jeffrey S.**, *Professor of Management and the W. David Robbins Chair in Strategic Management*; 2004 B.S. (Brigham Young University), M.B.A., Ph.D. (University of Utah)
- Hoyle, Joe Ben, C.P.A.**, *Associate Professor of Accounting and David Meade White Distinguished Teaching Fellow*; 1979 B.A. (Duke University), M.A. (Appalachian State University)
- Kukar-Kinney, Monika**, *Assistant Professor of Marketing*; 2003 B.A. (University of Ljubljana, Slovenia), M.S., Ph.D. (Indiana University)
- Lancaster, M. Carol**, *Associate Professor of Finance*; 1989 B.S.E. (University of Arkansas), M.B.A., D.B.A. (Louisiana Tech University)
- Lascu, Dana-Nicoleta**, *Professor of Marketing*; 1991 B.A. (University of Arizona), M.I.M. (American Graduate School of International Management), Ph.D. (University of South Carolina)
- Lawrence, Carol M.**, *Associate Professor of Accounting*; 1996 B.A. (Washington University), B.S. (Indiana University Southeast), M.B.A., Ph.D. (Indiana University)
- Litteral, Lewis Andy**, *Associate Professor of Management*; 1982 B.S. (Georgia Southern College), M.S., Ph.D. (Clemson University)
- McGoldrick, KimMarie**, *Associate Professor of Economics*; 1992 B.S. (State University of New York at Oswego), M.A., Ph.D. (State University of New York at Binghamton)
- Monks, James W.**, *Assistant Professor of Economics*; 2001 B.A. (Union College), M.A., Ph.D. (Boston College)
- New, J. Randolph**, *Professor of Management*; 1994 B.S., B.A. (University of Arkansas), M.B.A. (University of Arkansas), Ph.D. (Arizona State University)
- Nicholson, Robert H.**, *Associate Professor of Economics*; 1972 B.S. (University of Delaware), M.S., Ph.D. (North Carolina State University)
- North, David S.**, *Associate Professor of Finance*; 2000 B.A. (Michigan State University), M.B.A. (University of Notre Dame), Ph.D. (Michigan State University)
- Ridgway, Nancy M.**, *Associate Professor of Marketing*; 2001 B.B.A., M.B.A., Ph.D. (University of Texas at Austin)
- Sanborn, Robert H.**, *Associate Professor of Accounting*; 1988 B.A. (Johns Hopkins University), M.B.A. (Boston University), Ph.D. (University of Georgia)
- Schmidt, Robert M.**, *Professor of Economics*; 1981 B.A. (University of Wisconsin-Madison), M.A., Ph.D. (Duke University)
- Slaughter, Raymond L. C.P.A.**, *Associate Professor of Accounting*; 1977 B.A. (Kentucky State University), M.B.A. (University of Pennsylvania), J.D. (Howard University), LL.M. (College of William and Mary)
- Stevens, Jerry L., C.C.M.**, *Professor of Finance*; 1987 B.S. (Southwest Missouri State University), M.S., Ph.D. (University of Illinois)
- Szakmary, Andrew C.**, *Associate Professor of Finance*; 2001 B.A., M.B.A. (Columbia University), Ph.D. (University of New Orleans)
- Tallman, Stephen B.**, *Professor of Management and the E. Claiborne Robins Distinguished Professorship in Business*; 2005 B.S. (United States Military Academy), Ph.D. (University of California at Los Angeles)
- Thompson, Steven Michael**, *Assistant Professor of Management*; 2005 B.S., M.B.A., Ph.D. (University of Connecticut)
- Vendrzyk, Valaria P.**, *Associate Professor of Accounting*; 2003 B.S., M.B.A. (Shippensburg University), Ph.D. (Texas A&M University)
- Walden, W. Darrell, C.P.A.**, *Associate Professor of Accounting*; 1994 B.S. (Virginia Union University), M.S. (Syracuse University), Ph.D. (Virginia Commonwealth University)

Weisenberger, Terry M., *Associate Professor of Marketing and Associate Dean for Undergraduate Business Programs*; 1977 B.S., M.B.A., Ph.D. (Michigan State University)

Wight, Jonathan B., *Associate Professor of Economics and International Studies*; 1982 B.A. (Duke University), M.A., Ph.D. (Vanderbilt University)

RETIRED BUSINESS FACULTY

Bettenhausen, Albert E., *Assistant Professor of Business Administration and Associate Dean, Robins School of Business, Emeritus*; 1971 B.S., B.A. (University of Richmond), M.B.A. (University of Florida)

Bird, Francis A., C.P.A., *Professor of Accounting, Emeritus*; 1972 B.S. (Drexel University), M.S., Ph.D. (The Pennsylvania State University)

Edwards, N. Fayne, *Professor of Economics, Emeritus*; 1968 B.S. (Virginia Polytechnic Institute and State University), Ph.D. (University of Kentucky)

Giese, Thomas D., *Professor of Marketing, Emeritus*; 1978 B.S., M.S. (Southern Illinois University), Ph.D. (University of Mississippi)

Goodwin, James C., Jr., *Professor of Management Systems, Emeritus*; 1976 B.S., M.B.A. (Louisiana State University), Ph.D. (University of North Carolina)

Jones, Phillip A., Sr., *Professor of Accounting, Emeritus*; 1973 B.A. (Harpur College), M.A. (State University of New York at Binghamton), Ph.D. (Michigan State University)

Jung, Clarence R., Jr., *Professor of Economics, Emeritus*; 1966 B.A. (DePauw University), M.A., Ph.D. (The Ohio State University)

THE MANAGEMENT INSTITUTE

Coughlan, Richard S., *Associate Dean for Graduate and Executive Business Programs*; 1998 B.S. (University of Virginia), M.B.A., M.S., Ph.D. (University of Arizona)

FACULTY OF THE SCHOOL OF LEADERSHIP STUDIES

The year given designates the year of appointment.

Ciulla, Joanne B., *Professor of Leadership Studies, the Coston Family Chair in Leadership and Ethics*; 1991 B.A. (University of Maryland), M.A. (University of Delaware), Ph.D. (Temple University)

Forsyth, John Donelson Ross, *Professor of Leadership Studies, the Colonel Leo K. and Gaylee Thorsness Endowed Chair in Ethical Leadership*; 2005 B.S. (Florida State University), M.A. (University of Florida), Ph.D. (University of Florida)

Yates, Andrew J., *Associate Professor of Economics*; 2002 B.S. (Washington University), M.S., Ph.D. (Stanford University)

King, Robert L., *Professor of Marketing and Director of International Business Studies, Emeritus*; 1990 B.B.A. (University of Georgia), M.A., Ph.D. (Michigan State University), Doctor Honoris Causa (Oskar Lange Academy of Economics, Wroclaw, Poland)

Partain, Robert T., *Professor of Business Administration, Emeritus*; 1963 B.B.A., M.B.A. (North Texas State University), Ph.D. (University of Texas)

Phillips, Robert Wesley, *Professor of Finance, Emeritus*; 1974 B.A. (Denison University), M.B.A. (Ohio University), D.B.A. (Indiana University)

Robbins, W. David, *Professor of Business Policy, Emeritus*; Dean Emeritus of the Robins School of Business; The W. David Robbins Chair of Business Policy; 1959 B.A. (North Texas State University), M.B.A. (Northwestern University), Ph.D. (The Ohio State University)

Rose, John S., *Professor of Management Systems, Emeritus*; 1977 A.B., A.M. (University of Michigan), Ph.D. (Northwestern University)

Whitaker, David A., *Professor of Economics, Emeritus*; 1969 B.S. (Virginia Commonwealth University), M.S. (Virginia Polytechnic Institute and State University), Ph.D. (University of Florida)

Meluch, Jeanette M., *Associate Professor of Management Development*; 1988 B.A. (The Ohio State University), M.A. (George Washington University)

Goethals, George Rodman, *Professor of Leadership Studies, the E. Claiborne Robins Distinguished Professorship in Leadership Studies*; 2006 A.B. (Harvard University), Ph.D. (Duke University)

Hickman, Gill R., *Professor of Leadership Studies*; 1992 B.A. (University of Denver), M.P.A. (University of California at Los Angeles), Ph.D. (University of Southern California)

- Hicks, Douglas A.**, *Associate Professor of Leadership Studies and Religion*; 1998 A.B. (Davidson College), M.Div. (Duke University), Ph.D. (Harvard University)
- Hoyt, Crystal L.**, *Assistant Professor of Leadership Studies*; 2003 B.A. (Claremont McKenna College), Ph.D. (University of California, Santa Barbara)
- McDowell, Gary L.**, *Professor of Leadership Studies, the Tyler Haynes Interdisciplinary Chair in Leadership Studies and Political Science*; 2003 B.A. (University of South Florida), M.A. (Memphis State University), A.M. (University of Chicago), Ph.D. (University of Virginia)
- Mitric, Ana**, *Assistant Professor of Leadership Studies*; 2004 B.A. (McGill University), M.Phil. (University of Oxford), M.A. (University of Virginia), Ph.D. (University of Virginia)
- Price, Terry L.**, *Associate Professor of Leadership Studies*; 1998 B.A. (University of North Carolina-Chapel Hill), M.A. (University of Arizona), M.Litt. (University of Oxford), Ph.D. (University of Arizona)
- Williams, Teresa J.**, *Associate Dean, Jepson School of Leadership Studies*; 2005 A.B. (Washington University), M.A.T. (Webster University), Ph.D. (Saint Louis University)
- Williamson, Thaddeus M.**, *Assistant Professor of Leadership Studies*; 2005 A.B. (Brown University), M.A. (Union Theological Seminary), Ph.D. (Harvard University)
- Wren, Thomas**, *Interim Dean & Professor of Leadership Studies*; 1992 B.A. (Denison University), J.D. (University of Virginia), M.A. (George Washington University), M.A., Ph.D. (College of William and Mary)
- Zivi, Karen**, *Assistant Professor of Leadership Studies*; 2006 B.A. (University of Virginia), M.A. (Rutgers University), Ph.D. (Rutgers University)

AWARDS AND PRIZES

The Tanner Award, founded in 1882 by Colonel William E. Tanner of Richmond, in honor of his parents, John F. and Harriet L. Tanner, is given to the graduate most proficient in Greek.

The James D. Crump Prize, founded in 1893 by Mr. Crump, is given annually to a student for excellence in mathematics.

The J. Taylor Ellyson Award in History, established in 1912 by Lieutenant Governor J. Taylor Ellyson of Richmond, is given to the student in the Department of History who presents the best piece of original investigation on Virginia or Southern history.

The Charles T. Norman Awards, endowed by Mr. Norman in 1922, are given annually to the best graduate in English in Richmond College, and to the best graduate in Business Administration in the E. Claiborne Robins School of Business, as determined by the appropriate faculty in each case.

The McAdams Prize was established in 1930 by Colonel Thomas Branch McAdams of Baltimore, for the student in the junior class of Richmond College who has rendered the most outstanding service to the University and to his fellow students. It is awarded by vote of a committee of officials and student representatives.

The Samuel Chiles Mitchell Award, an annual cash prize in memory of Dr. Mitchell, is given to the best graduate in history in Richmond College. The award was established by Dr. Jacob Billikopf in 1948 and endowed in 1968 by Mrs. Billikopf.

The Clara Becker Epps and Lily Becker Epps Award, an annual cash prize, was established by the Alumnae of Richmond Female Institute - Woman's College of Richmond in honor of Clara Becker Epps and Lily Becker Epps, to be given to the senior, preferably a descendant of an alumna of the R.F.I. - W.C.R. or of Westhampton College, for the outstanding four-year academic record at Westhampton College.

The Garnett Ryland Award in Chemistry, established in 1951 by friends, former students, and family of Dr. Ryland, is a cash prize given annually to the outstanding graduating student in Richmond College or Westhampton College majoring in chemistry.

The Robert Edward Loving Award in Physics, established in 1954 by the University of Richmond Chapter of Sigma Pi Sigma, is given each year to a senior in Richmond College or Westhampton College on the basis of general academic achievement and promise for advanced study in physics.

The University Mace Award, established in 1947 by a gift in honor of Douglas Southall Freeman, former rector of the University and member of the Board of Trustees. Recorded upon this mace in each successive year for a full century, beginning with the session of 1947-48, is the name of the outstanding student of the University of Richmond.

The Modern Foreign Languages Award, established in 1957 by the University of Richmond Foreign Film Society and friends, is a prize given annually to the outstanding seniors majoring in the Department of Modern Foreign Languages and Literatures (not more than one award in each language major).

The Willie M. Reams Award in Biology, established in 1969 by Dr. Willie M. Reams Jr. of Richmond in honor of his father, is given annually by vote of the Department of Biology faculty to the senior who shows outstanding achievement in biology and promise for advanced study.

The Spencer D. Albright Book Award, established in 1971 by friends and former students of Dr. Albright, under the sponsorship of Pi Sigma Alpha, is given annually to the outstanding graduate in the Department of Political Science.

The George Matthews Modlin Award for Student Book Collections, established in 1971 by the University faculty in honor of Dr. Modlin upon his retirement as president of the University, is given annually to the senior with the best personal library acquired while at the University.

The J. Stanton Pierce Award, established in 1971 by friends and former students of Dr. Pierce, is a cash prize given to a junior chemistry major who, in the opinion of the Department of Chemistry faculty, will most likely reflect credit on the University and the Department.

The Clarence J. Gray Achievement Awards for Excellence in Scholarship and Leadership were established in 1973 by members of Richmond College Class of 1933, in honor and recognition of their classmate and his efforts over the years to encourage outstanding achievement in these fields. These awards, one each in Richmond College, Westhampton College, and the E. Claiborne Robins School of Business, are given annually to the graduating senior in each division who is a member of both Phi Beta Kappa (or Beta Gamma Sigma) and Omicron Delta Kappa (or Mortar Board), as applicable, and who is adjudged to have the outstanding four-year record in scholarship and leadership at the University of Richmond. Recipients are selected by a committee of designated officials and student representatives.

The Clarence E. Denoon Scholarship Award in the Natural Sciences, established in 1974 by Dr. Clarence E. Denoon Jr. in memory of his father, is given annually to a senior for excellence in the natural sciences, as determined by the faculty of the science departments.

The Roy Jesson Music Prize, established in 1974 by the friends of Dr. Jesson, is a cash prize given annually to a student of music who excels in performing, conducting or composing.

The John Neasmith Dickinson Research Awards for Undergraduates, established in 1977 in memory of John Neasmith Dickinson by his family and friends, are awarded annually to a biology major and a psychology major to aid in carrying out research projects during the recipients senior year.

The Helen Reba Humbert Senior Award, established in 1977 in memory of Helen Reba Humbert by her family and friends, is given annually to a graduating senior man or woman on the basis of athletic, leadership and scholastic attributes.

The Philip Frederick Jr. Memorial Award in Art, established in 1981 by Ann P. Frederick, is awarded to a student in studio art or art history on the basis of character, ability and academic excellence as determined by the departmental chair and faculty of the Department of Art.

The Margaret L. Ross Award, established in 1982 by a Westhampton College alumna in memory of Professor Margaret L. Ross, is awarded to the best all-around graduating senior in English in Westhampton College.

The James W. Jackson Award, established in 1983 in honor of James W. Jackson, the University's social science and documents librarian from 1974-1983, is awarded annually to the junior or senior student enrolled in an upper-division course who has completed the most outstanding research paper in education, health and sport science, history, political science, psychology, or sociology.

The Mary Madison Bowen Award, established in 1985 by Dr. J. Van Bowen in memory of his mother, a Westhampton College alumna, is given annually to the graduate most proficient in Latin.

The Priscilla Poteat Humbert Award, established in 1985 in memory of Priscilla Poteat Humbert by the Department of Health and Sport Science and friends, is awarded annually to a graduating student who exemplifies qualities of humanitarianism, leadership and scholarship.

The E. Bruce Heilman Leadership Award, established in 1986 by the undergraduate student government associations, is awarded annually to a graduating senior who has demonstrated outstanding character and leadership in service to the University.

The James A. Sartain Award, established in 1986 by the Department of Sociology in memory of Dr. James A. Sartain, professor of sociology from 1963-1986, is awarded to the sociology student who best exemplifies the qualities personified by Dr. Sartain: scholarship, humanitarianism, integrity and commitment to the ideals of the University.

The Frances W. Gregory Award, established in 1987 in honor of Dr. Frances W. Gregory, professor of history from 1950-1980, is a cash prize awarded to the best graduating senior in history in Westhampton College. Nominations for the award are initiated by the faculty of the Department of History.

The Joseph C. Robert Award for Achievement in Scholarship and Leadership, established in 1987 by the Department of History in honor of Dr. Joseph C. Robert, professor of history from 1961-1971, is awarded to a graduating history major for outstanding scholarship and leadership in the department and University. Nominations for the award are initiated by the faculty of the Department of History.

The Lynn C. Dickerson Award, established in 1988 by Dr. Lynn C. Dickerson, is awarded to the outstanding graduating senior in the Department of Religion as determined by the faculty of the Department of Religion.

The Robert F. Smart Award in Biology, established in 1988 by Dr. Robert F. Smart, is awarded by the Department of Biology faculty to the Richmond College or Westhampton College junior or senior biology major for the most outstanding research proposal for summer research.

The Jackson J. Taylor Best Senior Seminar in Physics Award, established in 1989 in honor of Professor Jackson Johnson Taylor, professor of physics from 1948-1986, by the Taylor and Hesch children to recognize the student judged by the faculty of the Department of Physics to have presented the best senior seminar.

The Bobby Chandler Awards in Art and Music, established in 1989 by Mr. Homer H. "Kip" Kephart in memory of Mr. Bobby Chandler, are cash prizes awarded each to an outstanding art major and to an outstanding music major as selected respectively by the faculty of the Department of Art and by the faculty of the Department of Music.

The Computer Science Prize, established in 1990 by Mary Church Kent and Joseph F. Kent, is a cash prize awarded annually to the outstanding graduate in computer science as determined by the faculty of the Department of Mathematics and Computer Science.

The Philip R. Hart Prize, established in 1991 by friends and former students of Dr. Hart, awarded by the Department of Religion to an undergraduate student whose scholarly attainment in the study of religion and achievement in student leadership stand in the tradition of those contributions and commitments of Professor Hart.

The Renée Elmore Memorial Scholarship, established in 1993 in memory of Miss Renée Elmore by the Class of 1993 and her parents and friends, supports current and future University of Richmond students in their progress toward graduation. This scholarship is unique in that students wrote the criteria, raised the money, and select the recipient each year. Miss Elmore would have graduated with the Class of 1993.

The James MacGregor Burns Award, established in 1994 by Mr. and Mrs. Robert S. Jepson Jr., is given to a graduating senior in recognition of his or her accomplishments as a student in the Jepson School of Leadership Studies. The winner of the award has demonstrated an outstanding grasp of knowledge associated with leadership studies; excelled in his or her studies at the University generally; has been actively involved in service to the school University, and community; shown an ability to generalize and apply leadership theory and research in unique and imaginative ways; and has displayed the capacity to both lead others and help others lead themselves.

The Hesch Award, established in 1995 by the family of Dr. C.J. Hesch, is awarded annually to an outstanding student who has made significant contributions to the music department through participation in ensembles, applied lessons and/or classes.

The R. E. Loving Book Awards, granted annually by the Epsilon Chapter of Virginia of Phi Beta Kappa, are presented to the student from Richmond College and the student from Westhampton College with the best academic records based upon the first four semesters of work.

The Alpha Kappa Psi Scholarship Key is awarded annually by the Delta Zeta Chapter of Alpha Kappa Psi to the senior student pursuing a degree in the E. Claiborne Robins School of Business who has attained the highest average for the two years of collegiate work.

The Ernst & Young Awards are given to the outstanding junior and senior in accounting.

The Virginia Society of Certified Public Accountants Award is given to the outstanding graduate in accounting.

The Wall Street Journal Award is presented annually by the Finance Department of the E. Claiborne Robins School of Business to a graduating senior in recognition of sustained interest and scholarly achievement in business.

The William L. Lumpkin Track Leadership Award, established in 1997 in memory of Dr. William L. Lumpkin by University of Richmond alumni on the 1948-49 cross country team coached by Dr. Lumpkin, awarded to an undergraduate member of the track team based on outstanding academic and athletic performance and citizenship.

The Robert L. Taylor Award for Excellence in Economics, established in 1997 in memory of Robert L. Taylor by Dr. and Mrs. Robert L. Taylor Jr. and their children, Rachel and Rebecca, awarded to a graduating senior who demonstrates academic excellence through the highest overall grade point average in economics.

The Austin E. Grigg and Helen W. Grigg Award for Excellence in Psychology, established in 1998 in memory of Austin E. Grigg and Helen W. Grigg by their son and friends, awarded to the graduate who best combines academic excellence, leadership, and outstanding promise in the field psychology.

The Robert J. Filer Award, established in 1985 in honor of Dr. Robert J. Filer, professor of psychology from 1953-1985, this cash prize is awarded to the graduating master of arts student in the department of psychology who has attained the highest overall academic average.

The Thomas West Gregory Award, established in 1994, in memory of Thomas West Gregory, a member of the English faculty, who served as the advisor to majors interested in teaching. Awarded to an outstanding senior who is a candidate for teacher licensure in English.

The Valerie Kay Hardy English Essay Award, Established in 2004 by a gift in memory of Valerie Kay Hardy A '01.

Dr. Leonard S. Goldberg Award for Good Citizenship, established in 2006 in honor of Dr. Leonard S. Goldberg vice president for student development at the University for nineteen years. Awarded to a senior who has held a student leadership role and has been instrumental in program development and fostering school pride.

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