

University of Richmond

# **2019-20 Undergraduate Arts and Sciences, Business, and Leadership Studies Catalog**

*Arts and Sciences, Business, and Leadership Studies*

Office of the University Registrar  
Catalog is for Internal Use Only

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## 2019-20 Course Catalog

The course catalog provides listings for the undergraduate schools of Arts and Sciences, Business and Leadership Studies. It also includes information on such topics as academic procedures, financial aid and academic opportunities and support. The requirements in this catalog apply to students entering the University in the 2019-20 academic year. Please see the catalog archive for earlier entering classes. For academic policies affecting students entering prior to fall 2008, please see Academic Advising.

Prospective students are encouraged to use this online version of the course catalog. Hard copies are not available. Catalogs from previous years and for other schools at the University can be found at the Office of the University Registrar.

Please Note: 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. The course offerings and requirements of the University of Richmond are under continual examination and revision. 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.

### **Non-Discrimination Policy**

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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, gender identity, gender expression, 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.

## Academic Calendars 2019-20

### Fall Semester 2019

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Classes begin - Monday, August 26, 2019  
Labor Day (classes meet) - Monday, September 2, 2019  
Last day to file for May/August graduation - Friday, September 20, 2019  
Fall break begins after last class - Friday, October 11, 2019  
Classes resume - Wednesday, October 16, 2019  
Thanksgiving break begins after classes - Tuesday, November 26, 2019  
Classes resume - Monday, December 2, 2019  
Examination period - Monday, December 9, 2019 through Tuesday, December 17, 2019  
Term ends - Tuesday, December 17, 2019

### Spring Semester 2020

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Classes begin - Monday, January 13, 2020  
Last day to file for December graduation - Friday, February 7, 2020  
Spring break begins after classes - Friday, March 6, 2020  
Classes resume - Monday, March 16, 2020  
Examination period - Monday, April 27, 2020 through Saturday, May 2, 2020  
Term ends - Saturday, May 2, 2020  
Baccalaureate Service - Sunday, May 12, 2019  
Commencement - Sunday, May 10, 2020

### Religious Observance Policy

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The University is a secular institution that values a diversity of religious expression. The University is also an active community with a wide range of personal commitments and academic and extracurricular activities.

Planning for academic and extracurricular activities should be done with sensitivity to the diverse religious commitments of the community and an awareness of religious holidays. Scheduling large-scale, one-time academic or extra-curricular events on a religious holiday should be avoided whenever possible.

Any student may be excused from class or other assignments because of religious observance. A student who will miss an academic obligation because of religious observance is responsible for contacting his or her professor within the first two weeks of the semester. The student is responsible for completing missed work in a timely manner.

Faculty are expected to be mindful of potential conflicts with religious observances and should make reasonable accommodations when students' religious practices conflict with their academic responsibilities.

The religious observance calendar is meant to serve as a scheduling guide. It lists significant holidays from the five largest global faith traditions. However, it is not comprehensive and students may choose to observe a holiday not included on the calendar.

The holidays listed are those which occur during the academic year when the University is open.

#### Buddhist 2019-20

Buddha's Enlightenment Day - Sunday, December 8, 2019  
Buddha's Birthday - Wednesday, April 8, 2020

#### Christian 2019-20

Ash Wednesday - Wednesday, February 26, 2020  
Good Friday - Friday, April 10, 2020  
Easter - Sunday, April 12, 2020

#### Eastern Orthodox 2019-20

Christmas - Tuesday, January 7, 2020  
Good Friday - Friday, April 17, 2020  
Easter - Sunday, April 19, 2020

#### Jewish - 2019-20

Rosh Hashanah, first two days - Monday, September 30, 2019 through Tuesday, October 1, 2019  
Yom Kippur - Wednesday, October 9, 2019  
First day of Sukkot - Monday, October 14, 2019  
First day of Passover - Thursday, April 9, 2020

#### Muslim - 2019-20

Eid al-Fitr - Wednesday, June 5, 2019  
Eid al-Adha - Monday, August 12, 2019  
Ashura - Tuesday, September 10, 2019  
Ramadan - Friday, April 24, 2020 through Saturday, May 23, 2020

#### Hindu 2019-20

Diwali - Sunday, October 27, 2019  
Holi - Tuesday, March 10, 2020

## About the University

### **Mission Statement**

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The mission of the University of Richmond is to educate in an academically challenging, intellectually vibrant, and collaborative community dedicated to the holistic development of students and the production of scholarly and creative work. A Richmond education prepares students for lives of purpose, thoughtful inquiry, and responsible leadership in a diverse world.

### **Organization and Accreditation**

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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.

#### **SACSCOC Accreditation**

The University of Richmond is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate, baccalaureate, masters, and juris doctor degrees. Contact SACSCOC at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of the University of Richmond.

To request a copy of our letter of accreditation, contact: Office of Institutional Effectiveness, 28 Westhampton Way, University of Richmond, VA 23173; Phone: (804) 484-1595; FAX (804) 484-1596.

#### **AACSB Accreditation**

The Robins School of Business is fully accredited at the undergraduate and graduate levels in Business and Accounting by the Association for the Advancement of Collegiate Schools of Business International (AACSB).

#### **ABA Accreditation**

The T.C. Williams School of Law is fully accredited by the recognized standardizing agencies in the United States. It is a member of the Association of American Law Schools; it is on the approved lists of the American Bar Association and the Virginia State Board of Bar Examiners; and its Juris Doctor degree is fully accredited by the Regents of the University of the State of New York. Although each state has its own requirements for admission to the bar, a law degree from the School of Law qualifies the holder to seek admission to the bar in any state in the nation and in the District of Columbia. Additional information about accreditation may be found at [abanet.org/legaled/resources/contactus.html](http://abanet.org/legaled/resources/contactus.html).

### **Virginia State Board of Education Certification**

The University also is approved by the Virginia State Board of Education to offer teacher licensure programs.

### **Teacher Education Accreditation Council Accreditation**

The University of Richmond's undergraduate teacher preparation programs and the graduate certificate in teacher licensure program are accredited by the Teacher Education Accreditation Council.

### **American Chemical Society Accreditation**

The University of Richmond's chemistry program is accredited by the American Chemical Society.

### **Environment and History**

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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 (1921-2009); the E. Claiborne Robins School of Business, for undergraduate and graduate study in business (1949); University College, University College, now known as the School of Professional and 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 provide 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.

### **Library Resources**

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Explore the University of Richmond Libraries and discover the rich collections of digital, print and archival information. Connect with library staff to learn about sources and services, from special collections and rare books to group study rooms outfitted for collaboration. The library offers opportunities for innovation through its digital library services, research and instruction program, rare books and special collections and the Digital Scholarship lab. Library locations include Boatwright Memorial Library (main library), Parsons Music Library at the Modlin Center for the Arts, the Curriculum

Materials Center in North Court and the Science Reading Room in Gottwald Science Center.

Students and scholars can start their research at [library.richmond.edu](http://library.richmond.edu). The Libraries offer access to over 400 databases, 100,000 full-text journals, 300,000 electronic book titles, 11,000 videos, 1,500 audiobooks and numerous other electronic resources. Research guides and chat services offer online assistance and many library services, such as interlibrary loan, are available on the library's website.

The libraries offer the services of expert librarians whose mission is to help students, faculty and staff with their library and information needs. Librarians are available through personal research appointments, walk-up assistance, email, phone and chat service.

### **Computing Facilities**

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The University of Richmond has a strong commitment to prepare students to work in technology- and information-centered environments. The University provides computers, software, and specialized equipment for student use in labs, public areas, classrooms, and residence hall lounges. All students in the residence halls have their own wired network connections, and the entire campus is blanketed with a high-speed wireless network that provides students, faculty, staff, and guests with secure access to a wealth of resources.

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 maintains 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 the University systems and network, the University requires all users to change passwords regularly in order to maintain an active account. Policies regarding the use of technology and information resources are posted on the Information Services Policies website.

The ground floor of Jepson Hall houses many computing resources, including a general purpose computer lab; 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. Jepson Hall is also the location of the Computer Help Desk, a resource that provides assistance with computing-related issues for the entire campus. A listing of the current hours of operation for all of these resources may be found on the Information Services website.

The Center for Technology Learning Center (CTLC) 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 CTLC contains a photography studio and a small recording studio. The CTLC also supports media production in the Media Resource Center on the second floor of Boatwright Library. Most importantly, the CTLC is staffed by professionals and well-trained student assistants are available to assist students, faculty and staff. Students not only have access to the hardware and software, but also to experts who can help them effectively use the specialized tools.

Technology training for students, faculty, and staff is available in a variety of formats, including books and CDs available in the CTLC and searchable through the Library catalog; online video tutorials; technology training classes offered throughout the school year; and one-on-one training sessions available through appointments at the CTLC. CTLC hours of operation and current technology training classes may be found on the Information Services website.

### **Undergraduate Colleges**

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Though Richmond is composed of five academic schools as well as two 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 Richmond College and Westhampton College is also 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**

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#### **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 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 Schools 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 in which students 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, as well as a minor in leadership studies. The Jepson School uses multiple disciplinary lenses to educate students for and about leadership. As a result, both the major and the minor are broadly based in the liberal arts but highly integrated with leadership as a unifying theme. By engaging students in the classroom and in the world around them, the Jepson School challenges students intellectually and prepares them for future responsibilities of leadership.

### **Richmond and Westhampton 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. Male-identified students are also members of Richmond College; female-identified students are also members of Westhampton College. The 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 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 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's "Spinning Your Web" program.

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 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 and Learning (WILL) program.

For more information regarding Westhampton College see [wc.richmond.edu](http://wc.richmond.edu). For more information regarding Richmond College see [rc.richmond.edu](http://rc.richmond.edu).

### **Spiritual Life**

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This mission of the Office of the Chaplaincy is Inspiring Generous Faith; Engaging the Heart of the University.

The Office of the Chaplaincy consists of five full-time staff members and eighteen affiliated campus ministers. Together, we focus on five strategic goals to advance our mission:

- Creating structures of inclusion for the diversity of faith traditions present on campus.
- Including our eighteen partner campus ministries more robustly in the mainstream of campus life.
- Providing pastoral care to all members of the university community, particularly students.
- Developing programming for students to pursue spiritual renewal, reflection, and critical engagement with their own experience and that of others.
- Animating conversations of meaning across many lines of difference to cultivate our highest ideals of responsible living and learning.

Some of our yearly highlights include the Pilgrimage program to Israel; our Multifaith Student Council; the Weinstein-Rosenthal Forum on Faith, Ethics, and Global Society; our One Book, One Campus program; our Consider This dinner series; the annual Iftar, Seder, Thanksgiving, and December Candlelight services.

In addition, a wide range of worship and fellowship opportunities are offered such as weekly Catholic Mass; Kairos, a Christian contemplative service; Shabbat services; Muslim prayer; and Zen Meditation. Additional worship and study opportunities are offered through our campus ministry team.

Visit our website for detailed information: [chaplaincy.richmond.edu](http://chaplaincy.richmond.edu).

The Office of the Chaplaincy is located in the Wilton Center, between Cannon Memorial Chapel and Tyler Hanes Commons. We look forward to meeting you.



## Admission

The University of Richmond seeks to enroll students who have demonstrated the potential to succeed in a highly rigorous environment and who 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. Qualities including academic ability and achievement, combined with personal qualities of leadership, creativity, and independence, are considered. 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. Successful applicants come from many different backgrounds. The University makes admission decisions in a need-blind manner for all first-year applicants who are U.S. citizens and permanent residents. 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.

Successful applicants will have pursued a highly rigorous college preparatory program. The prospective student is advised, therefore, to complete the most challenging college preparatory program that can be taken at the secondary school attended. Applicants to the University of Richmond are required to earn a high school diploma or its equivalent, including the G.E.D. (General Education Development battery).

For students who have attended other institutions of higher learning and wish to transfer to the University of Richmond, the academic achievement, personal conduct, and courses completed at their current and prior institutions will be important to the admission decision.

Whether first-year or transfer, students with the potential to be the most successful in this educational environment will be offered admission.

### Transfer Admission

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A student who wishes to transfer from another college or university may apply for transfer admission. A student must have completed a minimum of 6.82 units of transferable credit prior to 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 17.5 units at the University, including the work of the senior year.

The deadline to submit a transfer application for fall enrollment is February 15, with a second-round deadline of

April 15; the spring enrollment deadline is November 1. The applicant must file an application form, pay the nonrefundable application fee, submit course descriptions for all college courses taken, and have secondary school and college transcripts forwarded directly to the Office of Admission. Students must have left their prior institutions in good academic and social 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 toward degree requirements are made by the Office of 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.

Additional details may be found at [admissions.richmond.edu/process/transfer/index.html](http://admissions.richmond.edu/process/transfer/index.html).

### International Admission

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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.

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.

The University of Richmond values proficiency in multiple languages and diverse educational experiences across different cultures and countries. To ensure that students are prepared for the rigorous curriculum they will encounter at the University, we recommend that all non-native English speakers submit TOEFL results; however, we evaluate a variety of factors when considering waiving this requirement and we look for consistency in these factors across a student's application.



You can demonstrate English proficiency by:

- Having been enrolled in an English-medium school for four years and completing four years in an academically-rigorous curriculum.
- Obtaining a score of 660 or higher on the redesigned SAT evidence-based reading and writing section (administered beginning in 2016).
- Obtaining a score of 27 or higher on the ACT English section.
- Obtaining a score of 7.5 or higher on the IELTS.
- Obtaining a grade of A or B in Advanced Placement, International Baccalaureate or A-Level English course(s).

For applicants submitting TOEFL results, consideration will be given to those with the following minimum scores: 550 on the Paper-based TOEFL or 80 on the Internet-based TOEFL.

Additional details may be found at [admissions.richmond.edu/process/international/index.html](http://admissions.richmond.edu/process/international/index.html).

### **Students in Non-Traditional High School Settings**

Students completing high school in non-traditional settings — including students who will have completed at least two years in a home-schooled environment or in online classes or programs by the time they graduate — are encouraged to apply to the University of Richmond. A high school diploma (or recognized equivalent) is required for admission. Because records from non-traditional environments vary, these students are offered several opportunities to provide additional information to the admission committee to further highlight their preparedness for the University of Richmond's academic environment.

In addition to the standard complete admission application, candidates in non-traditional settings are required to:

- Submit a narrative explaining the decision to take high school coursework in a non-traditional setting; any special arrangements that may have been made for instruction (such as home school co-ops, etc.); previous and current method of instruction; and what a typical day is like for the student during the school year.
- Ensure that letters of recommendation are submitted from individuals other than the student's parents with whom the student has had academic contact.
- Provide results of AP tests or SAT Subject Tests in history, a second language, and a natural science field.
- If the student is not provided with a transcript through an educational institution or cooperative, a transcript that will help the University understand the high school curriculum must be created and submitted. Include courses taken and grades earned from grades 9-12 (through the first semester of senior year), including units earned, a full description of the content, and texts used for each subject. If the student has taken courses at a community college, university, or other organization, transcripts must be submitted from those institutions as well.

- If deemed academically competitive by the Admission Committee, interview with an admission officer either in person or over the telephone.

Additional details may be found at [admissions.richmond.edu/process/homeschool.html](http://admissions.richmond.edu/process/homeschool.html).

### **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.

Beginning with the class entering in the fall of 2010, students interested in pursuing a major or minor in the Robins School of Business (Business Administration, Economics or Accounting) must have a 2.7 GPA after completing at least 12 units at the end of three semesters of college coursework, including ECON 101, ACCT 201, and MATH 211 or MATH 231 (or their equivalent).

### **Jepson School of Leadership Studies**

The Jepson School of Leadership Studies uses multiple disciplinary lenses to educate students for and about leadership: economics, history, literature, philosophy, politics, psychology, and religion. In so doing, the school provides students with conceptual tools that support the exercise of leadership in a variety of settings. Curriculum goals are achieved through courses such as Leadership and the Humanities and Leadership and the Social Sciences, the gateways to the academic program. Leadership Ethics serves as the capstone course for the major and minor. The gateway courses are designed to introduce students to the intellectual and historical foundations of leadership, so they are also appropriate for non-majors. Required courses such as Critical Thinking and Theories and Models reflect the Jepson School's commitment to studying leadership across disciplines. Courses with experiential components -- for example, Justice and Civil Society and the internship -- help students understand how to use knowledge gained through coursework in the world outside the classroom. Students also have the opportunity to study international leadership and pursue independent research, including a senior thesis or senior honors thesis. Students interested in the major or minor must submit a formal application in the fall after completing the first academic year of study at Richmond or another accredited college or university. The decision concerning admission to the major or minor rests with the Jepson School of Leadership Studies faculty committee.

### **Admission Plans**

The University of Richmond offers the following decision plans: Early Decision I, Early Decision II, Early Action and Regular Decision.

Early decision plans are designed for well-qualified students who have decided that the University of Richmond is their clear first choice. Two plans are available. Early Decision I

has a deadline of November 1 and Early Decision II has a deadline of January 15. Candidates are notified around mid-December for Early Decision I and mid-February for Early Decision II. Decisions of accept, defer and deny are rendered in Early Decision. Accepted candidates must submit the required nonrefundable deposit to confirm their enrollment to the University of Richmond within a month of admission notification. Deferred candidates will be reconsidered under Regular Decision.

The application deadline for Early Action is November 1; candidates are notified of the admission decisions around mid-January. Decisions of accept, defer and deny are rendered in Early Action. Accepted candidates may submit a nonrefundable deposit by May 1 to confirm their enrollment to the University of Richmond. Deferred candidates will be reconsidered under Regular Decision.

The application deadline for Regular Decision is January 15; candidates are notified of the admission decisions around April 1. Decisions of accept, wait list and deny are rendered in Regular Decision. Accepted candidates may submit a nonrefundable deposit by May 1 to confirm their enrollment to the University of Richmond. Candidates who are wait listed will be considered on a space available basis post May 1.

### Visiting Campus

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Prospective students are invited to visit the campus, participate in the admission information session, take a tour of the campus, and confer with professors, coaches, or other persons in their fields of interest. The information session 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 information session. 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 website at [admission.richmond.edu/visit](http://admission.richmond.edu/visit).

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 [admission.richmond.edu/visit](http://admission.richmond.edu/visit) for more information.

### First-Year Admission Requirements

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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 Algebra I, II, and Geometry), and at least two each in history, laboratory science, and second language (in the same language, including American Sign Language). Competitive candidates for admission typically exceed the minimum requirements and have taken three to four units in science, history, and second language at the highest levels available in their school setting.

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 is made using the Common Application or Coalition Application, and a required supplemental essay. All forms are accessible from [admission.richmond.edu](http://admission.richmond.edu). The nonrefundable \$50 application fee must accompany the application for admission.

As of July 1, 2006, Virginia law requires all public and private two- and four-year institutions of higher education to electronically transmit information about applicants accepted for enrollment at each institution to the State Police for comparison to the Virginia Criminal Information Network and National Crime Information Center Convicted Sexual Offender Registry. In compliance with Virginia law, the University of Richmond will submit the requested information for all admitted students to the State Police for comparison to the registry. If the University is notified that an admitted student has committed a sex offense, the admitted student is subject to the revocation of their admission.

### Conditions of Admission

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Should there be any substantive changes in the data shared in the application for admission over the next several months (e.g., address, phone number, high school, course work, conduct record, etc.), the student must notify the Office of Admission as soon as possible.

A final transcript will be required from the student's high school in June reflecting successful completion of the academic program and high school graduation. It is fully expected that the remainder of the work and personal conduct will be similar in caliber to the work and personal conduct upon which this offer of admission was granted. The University reserves the right to rescind or modify its offer of admission should there be changes in the academic achievement or personal conduct upon which the admission decision was based.

Similar expectations and conditions apply to transfer students.

If the student chooses to accept enrollment at the University of Richmond, the student must submit the required deposit by May 1.

A nonrefundable deposit will be credited toward the student's account for billable charges.

By submitting this nonrefundable deposit, the student confirms enrollment at the University of Richmond. The student also acknowledges that he or she has not submitted or will submit an enrollment deposit at any other institution.

If the student is admitted off the wait list by another institution and elects to enroll there, the student must inform the Office of Admission immediately. The University of Richmond reserves the right to rescind its offer of admission to any student who submits an enrollment deposit to another institution.

## Financial Affairs

Fees: 2019-20	Semester	Year
<b>General Fee</b>		
Full-time students	\$27,3455	\$54,690
Over 6 units or fewer than 3.5 units: per unit rate	\$7,810	-
<b>Housing (per student)</b>		
First Year--All Room Types, Dennis, Lora Robins, Marsh, Moore, Wood & 3 <sup>rd</sup> Floor Robins	\$3,000	\$6,000
<b>Residence Halls</b>		
Upper Level Halls with Hall Baths: Pacific, Atlantic &, Robins Hall 1 <sup>st</sup> & 2 <sup>nd</sup> Floors		
Single	\$3250	\$6,500
Double, Triple, and Quad	\$3,000	\$6,000
Upper Level Halls Private or Semi Private Baths: Freeman, Gray Ct., Jeter, Keller, Lakeview, North Ct., South Ct. Thomas, & Westhampton		
Single	\$3,550	\$7,100
Double	\$3,250	\$6,500
<b>Apartments</b>		
University Forest Apartments (double)	\$3,500	\$7,000
Gateway Village Apartments (single)	\$3,800	\$7,600
*All student housing includes no-fee laundry facilities.		
<b>Meal Plans</b>		
Spider Plus Unlimited (unlimited meals at HDC with 1140 dining dollars per semester)	\$3,775	\$7,550
Spider Unlimited (unlimited meals at HDC with 815 dining dollars per semester)	\$3,450	\$6,900
Spider 40 (40 block meals with 1,020 dining dollars per semester)	\$1,470	\$2,940
Spider Blue - 960 dining dollars per semester (undergraduate A&S commuter students only)	\$960	\$1,920
Spider Red - 480 dining dollars per semester (Law, MBA, and SPCS commuter students only)	\$480	\$960
<b>Other Fees</b>		
ID card replacement: each occurrence	\$25	

Graduation fee	\$50	
Campus vehicle permit (spring semester only: \$70)		\$140
Late payment fees will be assessed up to:	\$70	
Non-UR Study Abroad Fee	\$1,500	

- Regardless of the University 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.
- Textbooks cost approximately \$550 per semester; supplies, transportation, and sundries are extra costs.
- 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.
- Meal plan selection automatically rolls from the previous semester unless the student initiates a change by the given due dates. Late change fee will apply. Please contact One Card Services at (804) 289-8476 or view their website for details on meal plans and policy at [oncard.richmond.edu/spidercard](http://oncard.richmond.edu/spidercard). Meal balances expire each semester and are non-refundable. Dining dollar balances roll from fall to spring, only if a meal plan is purchased.
- Please consult Parking Services, Residence Life, and One Card Services for further information regarding their respective charges.
- Fees and charges will increase for the 2020-21 school year and will be announced as soon as possible.

## Deposits

Upon acceptance for admission at the University of Richmond, a \$300 general fee deposit is required. An additional \$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 as specified on the Student Housing website.

Deposits are nonrefundable. If there is a past due balance on your student account any deposits you make for a future term may be transferred to your student account to cover the outstanding balance.

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.

## Invoices

Inquiries concerning invoices and payments should be directed to the Office of the Bursar, phone (804) 289-8147 or toll-free (866) 241-8893, email [bursar@richmond.edu](mailto:bursar@richmond.edu) or mailed to Office of the Bursar, Box R, 142 UR Drive, University of Richmond, VA 23173.

Fees are invoiced electronically and are to be paid 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, please pay by the due date. Satisfactory financial arrangements for room and board must be made before occupancy.

Students receive a monthly email notification to their University of Richmond e-mail address with the subject line "University of Richmond Electronic Invoice/Statement" with a link to QuikPAY, our financial portal. Students access their account in QuikPAY through BannerWeb/Student Services/Pay Tuition & Fees/View & Pay Accounts. The student's University ID number is used for authentication. Upon login, students can view their invoice, set up and store bank account or credit card information, set up authorized payers, pay the invoice electronically, and print paper copies.

The student may authorize others to view the invoice as an authorized payer. Each invoice cycle, the student and the authorized payer(s) will receive an email notification that the electronic invoice has been sent with a link that takes them directly to the QuikPAY login page. Each authorized payer is assigned a PIN for added security and privacy. Only authorized payers will be able to view their personal payment history and bank information.

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areas, please pay by the due date. Satisfactory financial arrangements for room and board must be made before occupancy.

Students receive a monthly email notification to their University of Richmond e-mail address with the subject line "University of Richmond Electronic Invoice/Statement" with a link to QuikPAY, our financial portal. Students access their account in QuikPAY through BannerWeb/Student Services/Pay Tuition & Fees/View & Pay Accounts. The student's University ID number is used for authentication. Upon login, students can view their invoice, set up and store bank account or credit card information, set up authorized payers, pay the invoice electronically, and print paper copies.

The student may authorize others to view the invoice as an authorized payer. Each invoice cycle, the student and the authorized payer(s) will receive an email notification that the electronic invoice has been sent with a link that takes them directly to the QuikPAY login page. Each authorized payer is assigned a PIN for added security and privacy. Only authorized payers will be able to view their personal payment history and bank information.

### Payments

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Electronic checks (eCheck) is the preferred payment method, is convenient, and generates no additional fee. Checking and savings account information from a bank within the United States is entered through the QuikPAY website, and payments will be transferred electronically to the University of Richmond. The site can retain your bank account information for future convenience, by building a profile, or you may enter it each time you make an eCheck payment.

Payment by traditional check may be mailed or made in person at the Cashier's Office in the Queally Center. To mail a check or money order to the university, please print a copy of the PDF invoice, detach the bottom portion of the statement, and mail with the payment payable to the University of Richmond.

Office of Student Accounts  
Box R  
142 UR Drive  
University of Richmond, VA 23173

Cash payments are accepted in the Student Accounts office in Queally Center.

The University of Richmond also accepts MasterCard, Visa, Discover and American Express via QuikPAY. This service will generate a vendor fee of 2.75% of the amount charged. This will appear as an additional fee on your credit card statement.

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 responsible for reimbursing the University of Richmond the fees of any collection agency, which may be based on a percentage at a maximum of 33.3% of the debt. Accounts referred to a collection agency are reported to a credit bureau. By registering for classes you are

acknowledging receipt of this information and your acceptance of the associated responsibilities.

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.

### Installment Payment Plan

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University of Richmond students may set up an installment payment plan through Tuition Management Systems, TMS. TMS offers a payment schedule choice of four or five payments per semester. There is a \$50.00 nonrefundable enrollment fee per semester.

Please visit the website for more information or to enroll in a plan, [richmond.afford.com](http://richmond.afford.com) or call 1 (800) 722-4867

### Late Payment Fee

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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.

A veteran or eligible person who is entitled to use Post 9/11 GI Bill (Chapter 33) or Vocational Rehabilitation and Employment Services (Chapter 31) benefits will not be subject to any penalty, assessment of late fees, denial of access to classes, libraries, or other institutional facilities, nor will they be required to borrow additional funds to satisfy their financial obligations in the event of a delayed payment from the Veteran's Administration.

### Refunds

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Inquiries concerning credit balances on student's accounts should be directed to the Office of Student Accounts, (804) 289-8147 or toll free (866) 241-8893 or [bursar@richmond.edu](mailto:bursar@richmond.edu).

Refunds can be issued by check or direct deposit. With a check refund, it is the student's responsibility to ensure the address on record is correct. With direct deposit, your refund will be automatically deposited to the bank account you specify, eliminating trips to the bank and the risk of your check being lost or stolen. It may take up to two business days for a direct deposit to post to your bank account. To participate, log onto BannerWeb and click on Manage/Sign Up for Direct Deposit. When you are finished click submit and your direct deposit form will be sent automatically to Accounts Payable. If you have any questions please call Accounts Payable at (804) 289-8179.

### Tuition Insurance Plan

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Tuition withdrawal insurance plans are available through Allianz Global Assistance. Information is available at [allianztuitioninsurance.com/ur](http://allianztuitioninsurance.com/ur) or by calling (888) 427-5045.

### Withdrawal Refund Policy

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Inquiries concerning refunds after withdrawal from University of Richmond should be directed to the Office of Student Accounts, (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 receive any financial assistance may be required to return such assistance per Public Law 668.22 and institutional policy. The student would then be responsible for any unpaid balance.

The University of Richmond complies with all federal regulations governing recipients of federal Title IV funds. Information regarding financial aid refund policies is available from the Office of Financial Aid.

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

Fall & Spring Term Withdrawal Refund Schedule	General Fee & Housing Refund Rate	Meals 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	None

### Appeals Process

The University of Richmond has an appeals process for students and parents who believe individual circumstances warrant exceptions from published policy. A student or parent has six weeks from the time of withdrawal to appeal the University's refund policy.

All appeals must be in writing and directed to the follow address.

Annemarie Weitzel, Bursar  
 Box R  
 University of Richmond, VA 23173  
 or bursar@richmond.edu.

## Financial Aid

### Financial Aid

The University of Richmond recognizes that some students and their families are not able to meet the entire cost of their education. To assist them in the process, the Financial Aid Office administers institutional, federal, and state assistance in the form of grants, merit scholarships, loans, and student employment. 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 degree.

The Richmond in Reach program is the University of Richmond's need-based financial aid program. It is designed for those families who are unable to pay the full cost of a college education and is available to eligible, full-time undergraduate students who are U.S. citizens or permanent residents. Through this program, Richmond meets 100 percent of demonstrated eligibility for need-based aid for all undergraduate students. Applicants for need-based financial aid must complete the Free Application for Federal Student Aid (FAFSA), the CSS PROFILE and submit copies of student and parent federal tax returns to the College Board's IDOC service. Some aid applicants will also be required to

submit the Noncustodial Parent PROFILE. Prospective first year students should submit the FAFSA and CSS PROFILE by the University of Richmond's deadline date of February 15 and copies of tax returns must be submitted to IDOC by March 1. The deadline for transfer student financial aid applications (FAFSA, PROFILE, and tax returns) is the same date as the admission application deadline. The deadline for financial aid applications (FAFSA, PROFILE, and tax returns) for returning students is May 15.

Generally, to be considered for need-based aid, an applicant must be a U.S. citizen or permanent resident, 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. Full-time enrollment is required for institutional aid. Financial aid from the University of Richmond is available to students through their eighth semester of enrollment (prorated for transfer students) and students must meet certain standards of satisfactory academic progress as outlined below. A new financial aid application must be filed each year. If a family's financial situation remains about the same each year, then the financial aid eligibility will also remain about the same. However, as a

family's financial situation changes, there may also be changes to eligibility for financial assistance.

Students who are eligible for need-based aid, who are enrolled full time, and who meet the application deadline are offered a financial aid package that fully meets their demonstrated need. Part-time students may be considered for loans and the Federal Pell Grant. The University of Richmond's policy is to fully meet the demonstrated need of its students who submit all three required financial aid forms by the stated deadline. Students who demonstrate need but fail to meet the deadline will lose a percentage of their need-based grant and need-based scholarship aid. Therefore, their need will not be fully met. We assess a 5% reduction in need-based grant/scholarship aid for each month that a student's application is late, up to two months after the deadline. Applications received more than two months late will receive consideration only for limited federal need-based grants and Direct Loans, but not for any other need-based aid.

<b>Number of days application is late:</b>	<b>Need-based grant eligibility reduced by:</b>
Up to 30 days	5%
31 to 60 days	10%
61 or more days	No longer eligible for Richmond need-based grant. Limited federal aid is available.

For complete information regarding need-based aid, visit [financialaid.richmond.edu](http://financialaid.richmond.edu).

International students are eligible to apply for need-based financial aid. Richmond is need-aware when reviewing admission applications from non-U.S. citizens. However, we will meet 100% of the demonstrated need for international students who are admitted and this aid will be renewed through the student's eighth semester of enrollment. International students who do not receive financial aid when they are admitted may apply for a limited amount of need-based aid in subsequent years. These students' need will not be fully met.

The University of Richmond has a robust merit-based aid program for prospective students. Merit-based scholarships are provided in recognition and support of noteworthy academic achievement. These merit-based scholarships are generally awarded independently of any assessment of need, although it is possible to qualify for a combination of need- and merit-based aid. All applicants for admission are considered for the Richmond Scholars Program provided they have submitted a completed admission application by December 1. These scholarships range from full tuition to full tuition plus room and board. Various other merit scholarships are available.

Visit [financialaid.richmond.edu/prospective/merit-based/index.html](http://financialaid.richmond.edu/prospective/merit-based/index.html) for more information and deadlines. Limited merit scholarships are available to currently enrolled students.

Visit [financialaid.richmond.edu/undergrad/scholarships.html](http://financialaid.richmond.edu/undergrad/scholarships.html) for more information.

The Virginia Tuition Assistance Grant is for full-time undergraduate students who are residents of Virginia. In 2011-12, grants were awarded in the amount of \$2,650. Applications are available on the University of Richmond website at [financialaid.richmond.edu/prospective/virginians/grant.html](http://financialaid.richmond.edu/prospective/virginians/grant.html). The deadline is July 31.

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 approved non-Richmond programs is limited to loans and federal grants.

### **Veterans Benefits**

Students eligible to receive tuition benefits administered by the U.S. Department of Veterans Affairs (VA) must apply for benefits through the VA. Once the VA application process is complete with the VA, the following paperwork will need to be submitted to the University of Richmond's VA Certifying Official via mail, fax, email attachment, or in person:

- Certificate of Eligibility - After you have applied for and been approved for benefits, you will be issued a Certificate of Eligibility from the VA.
- [Veterans Educational Benefit Agreement Form](#) - Available online or in person at the Registrar's Office.

In addition to the tuition benefits offered under the Post 9/11 GI Bill program, the University participates in the Yellow Ribbon program. For details regarding eligibility for the Yellow Ribbon program at Richmond, go to [financialaid.richmond.edu/yellowribbon.html](http://financialaid.richmond.edu/yellowribbon.html). For further information regarding VA Benefits at the University of Richmond, please visit our [VA Programs - Education Benefits Page](#).

### **Satisfactory Academic Progress Policy**

According to federal regulations and University of Richmond (UR) policy, students must maintain Satisfactory Academic Progress (SAP) to receive federal financial aid and institutional need-based financial aid. Some private loan programs also require SAP. Evaluation of students' progress for financial aid purposes is made annually at the end of the spring term to determine financial aid eligibility for the following year (summer term, fall term, and spring term). Institutional Financial Aid

Receipt of institutional financial aid requires full-time enrollment (3.5 units or more) during the fall and spring terms and a minimum UR cumulative grade point average (GPA) of 2.00 on units attempted. Students must also be meeting the SAP requirements for federal aid (see below). Institutional aid is generally not awarded for summer term. Institutional aid is available to students through their eighth term of enrollment (prorated for transfer students). Some institutional aid programs, such as merit scholarships, have higher academic and/or other requirements which are conveyed to recipients when they are selected for such programs.



The following chart provides suggested benchmarks for the minimum number of units earned at the end of the specified term in order to complete degree requirements by the end of the eighth term of enrollment (prorated for transfer students):

At the end of term:	Minimum Units Earned
2	8
4	16
6	25
8	35

Students not meeting the SAP requirements for institutional financial aid at the end of the spring term will not be eligible for any additional institutional financial aid in subsequent terms of enrollment until the standards are met. Denials of aid under this policy may be appealed by the student, in writing, to the Director of Financial Aid within 30 days of notification that the student is no longer eligible for institutional aid. A student's request must include information regarding why the student is not meeting the SAP requirements for institutional aid and what factors have changed that will allow the student's academic progress to improve by the next evaluation.

#### Federal Financial Aid

The Higher Education Act requires that colleges and universities establish minimum standards of Satisfactory Academic Progress (SAP) for students receiving federal aid. When assessing SAP, the University will review all terms of enrollment at UR as well as transfer work accepted toward UR degree requirements, whether or not the student received financial aid during those terms.

The standards of academic progress outlined here are solely for the purpose of evaluating eligibility to continue receiving federal financial aid. They do not replace or modify academic standards required for continued enrollment at the University of Richmond. The effect of incomplete coursework, withdrawals, and course repetitions impacts SAP in the following ways:

- Incomplete coursework is not included in GPA or in number of credits earned but is counted as attempted credit.
- Courses from which a student withdraws are not included in GPA or in number of credits earned but are counted as attempted credit.
- Repeated courses are counted only one time as earned credits. However, credits for each course taken, including all repeated courses, are counted as attempted credit. Both grades will be calculated in the cumulative grade point average.

SAP is checked annually at the end of the spring term. Students must meet both of the following requirements:

- Have completed 67% of all attempted coursework, (including transfer work and pass/fail courses) AND
- Have achieved a cumulative grade point average, depending on the number of units earned, as follows:

Units Earned	UR Grade Point Average
.25 to 6.82	1.50
6.83 to 15.40	1.70
15.41 to 23.97	1.85
23.98 or more	2.00

In addition, students must complete the requirements for a bachelor's degree within the 150% maximum timeframe allowed. That is, as the undergraduate degree program requires 35 units to complete, the maximum number of units attempted to complete the program cannot exceed 52.50 units, including transfer work and pass/fail courses. Successful completion of a class means receiving one of the following grades for the class: A, B, C, or D.

Students not meeting the SAP requirements for federal financial aid at the end of the spring term will not be eligible for any additional federal financial aid in subsequent terms of enrollment until the standards are met. Denials of aid under this policy may be appealed by the student, in writing, to the Director of Financial Aid within 30 days of notification that the student is no longer eligible for federal aid. Appeals will be considered for the following circumstances: the death of a relative of the student; an injury or illness to the student; or other special circumstances. A student's request must include information regarding why the student is not meeting the SAP requirements for federal aid and what factors have changed that will allow the student's academic progress to improve by the next evaluation.

Successful appeals will lead to one of two SAP statuses: Financial Probation or Eligible for Financial Aid. A student may be placed on 'Financial Probation' for the subsequent term if it is determined that he/she can regain eligibility after one term. A student may be found 'Eligible for Financial Aid' based on an academic plan that outlines future academic progress for the student as established by the Director of Financial Aid. The student will be notified of their SAP status based on the merits of the appeal. If the appeal is not granted, the student will be notified of the decision and will be financially responsible for their educational expenses.

#### Return of Financial Aid When A Student Withdraws

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, and Federal Direct PLUS Loans, and the Iraq and Afghanistan Service Grant.

#### 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, and Federal Direct PLUS Loans, and the Iraq and Afghanistan Service Grant.

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). Adjustments must only be made up to and including 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 plus 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. For grants, regulations limit the amount a student must repay to the amount by which the original overpayment amount exceeds 50 percent of the total grant funds received by the student. 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 Direct Stafford Loans, Subsidized Direct Stafford Loans, Perkins

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 Iraq and Afghanistan Service Grant 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 advisor 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](mailto:finaid@richmond.edu) with questions about need-based aid, or check our website at [financialaid.richmond.edu](http://financialaid.richmond.edu).

## **Student Life and Policies**

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 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 this 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 Resources**

#### **Counseling and Psychological Services**

CAPS staff members are licensed mental health professionals who help students improve their mental health, and derive the greatest benefit from the educational opportunities at UR. Services offered include short-term individual psychotherapy, crisis intervention, outreach, training, consultation, and referral to other on- or off-campus resources as needed. Services are offered from about mid-August to about mid-June and are available to currently enrolled, full-time, degree-seeking students. Common reasons students come to CAPS include anxiety, stress, depression, relationship concerns, academic difficulties, grief, family concerns, traumatic events, eating problems, substance abuse, and sleep disturbance. Appointments can be made by visiting the CAPS office (138 Sarah Brunet Hall) Monday through Friday from 8:30 a.m. to 5 p.m. Confidentiality is assured to the full extent allowed by law. The CAPS website ([wellness.richmond.edu/offices/caps/](http://wellness.richmond.edu/offices/caps/)) has additional information on CAPS services, links to anonymous online

screening surveys, and a variety of other mental health information. Phone: (804) 289-8119; FAX: (804) 287-1227.

### **Intercollegiate Athletics**

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

### **International Students and Study Abroad**

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The Office of International Education, located in the Carole Weinstein International Center, serves all students, undergraduate and graduate, in arts and sciences, business, leadership studies, continuing studies, and law. It offers advising on opportunities and procedures for study, internships, and work abroad; a wide variety of services for international students such as orientation, visas, work, health insurance, and taxes; and a broad range of cultural and social activities focused on cultures and countries around the world as well as cross-cultural issues.

### **Multicultural Affairs**

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The mission of the Office of Multicultural Affairs is to support the ongoing enrollment and retention of ethnically and socio-culturally diverse American students and promote a campus climate that celebrates diversity. Working in collaboration with a variety of other offices and departments campus-wide, the Office of Multicultural Affairs develops, implements, and advocates for programs that are designed to enhance the overall personal development and growth of University students.

### **Recreation and Wellness**

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The mission of the Department of Recreation and Wellness is to enhance the lives of its members by providing quality recreational and educational programs in an environment that promotes healthy lifestyles, academic productivity, and personal growth.

The Weinstein Center for Recreation and Wellness provides 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, and racquetball and squash courts, as well as locker room and sauna facilities. Participants have the opportunity to 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 and sand volleyball courts are available for recreational use. Thirteen tennis courts, a 400-meter track, and cross country

trails are also available for recreational use when not scheduled for intramurals, intercollegiate athletics, or special events. The campus recently added an 18 hole disc golf course available for recreational use.

The fitness and wellness program offers group exercise, indoor cycling, and other fitness 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 and Outdoor Adventure programs offer activities and trips throughout the year, often including whitewater tubing and rafting, camping, skiing, rock climbing and hiking. The Odyssey high ropes course is one component of a much larger and long term departmental goal for developing a comprehensive Outdoor Experiential Education program.

For more information about recreation and wellness programs or the Weinstein Center, please visit [recreation.richmond.edu](http://recreation.richmond.edu) or call Member Services at (804) 289-8361.

### **Student Activities and Organizations**

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No matter what your interests, you'll be able to pursue them with passion at Richmond. Find your niche within our approximately 275 student clubs and organizations and our unique Greek system. If there is no existing club that meets your interest, you can create a new one ([involved.richmond.edu/](http://involved.richmond.edu/)).

You'll never run out of things to do at Richmond. The Office of Student Activities and other programming entities make sure of that through a wide variety of on-campus entertainment options ranging from concerts to movies to comedians.

### **Student Government**

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To as great an extent as possible, the University places the governance of students in the hands of students. The undergraduate arts and sciences 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 committees of the Board of Trustees and of the faculty. Each college has its own honor council and its own judicial council composed entirely of students.

### **Student Health Center**

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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, allergy shots, and immunizations. The telephone number is (804) 289-8064 and FAX is (804) 287-6466. Students and parents are encouraged to visit the Health Center's website for general information and timely messages and the Health Center can be reached by email at [healthcenter@richmond.edu](mailto:healthcenter@richmond.edu).

Rather than walking in without an appointment, students are encouraged to call and speak with a registered nurse about their concerns through the Dial-A-Nurse system (call 804-289-8700 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 may be made for annual gynecological examinations, doctor-requested follow-up visits, allergy shots, immunizations, and PPD tests by calling (804) 289-8064.

All full time students are eligible for the services provided by the Student Health Center. (School of Professional and Continuing Studies students are not eligible.) 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 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 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 submit for insurance reimbursement.

Information regarding hours of operation, descriptions of services, details of allergy shot procedure, billing and insurance questions, medical information, community facilities, medical referrals, and helpful links can be found on the Health Center's website.

Virginia law mandates that each student submit an immunization record and tuberculosis screening status 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.

All communications between student and Health Center staff are strictly confidential. Information will not be released from the Student Health Center without the patient's prior approval except in an emergency or by court order.

### **Arts and Cultural Events**

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The Modlin Center for the Arts, which opened in 1996, features state-of-the-art performance venues, galleries,

studios, and classrooms. Praised as "a work of art itself" by the Richmond Times-Dispatch, the \$22.5 million, 165,000-square-foot facility is home to the departments of art and art history, music and theatre, and dance.

The Modlin Center for the Arts presents more than 40 world-class performing arts events as part of the ModlinArts Presents Series, five productions presented by the Department of Theatre and Dance and the University Players and Dancers, and another 23 music performances as part of the Department of Music's annual free concert series. Many of the events presented at the Modlin Center feature an academic component designed specifically for Richmond students. These activities, which are free and open to the public, include master classes and lecture demonstrations, as well as pre-concert and exhibition lectures.

### **Office of Alumni and Career Services**

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The Office of Alumni and Career Services, advises and supports undergraduate students and alumni throughout the career development process. The office approaches career development as a continuous learning experience that begins during a student's first year at Richmond. Staff members work with undergraduate students in all majors to assist them in discovering their individual paths for success. Richmond students achieve a high rate of success after graduation. They are employed in a diverse range of industries and are accepted at some of the best graduate and professional schools in the world. In fall 2008, the office relocated to a newly renovated space located on the third floor of Tyler Haynes Commons.

The Office of Alumni and Career Services assists students in:

- Exploring interests and abilities
- Choosing majors
- Connecting with internships and learning experiences
- Investigating graduate and professional school options
- Landing their first jobs

Programs & Events include:

- Individual career advising
- Industry expos
- Career workshops and panels
- Spider Road Trips to explore industries in various metropolitan areas
- "Evening of Etiquette"
- Mock interviews
- On-campus interviews
- Off-campus recruiting events

### **Exclusive Search Engines**

Richmond students and alumni have access to the University's exclusive job opportunity database, SpiderConnect, which allows them to search for internships



and full-time position postings, apply for interviews and register to attend organizational information sessions. Career15 gives Richmond students access to opportunities open to students from Virginia's colleges and universities. The University Career Action Network (UCAN) allows Richmond students access to internship postings throughout the world.

The UR Career Network allows students to search for and connect with Richmond alumni in varying industries and geographic areas for career networking.

### **Recruiting Programs & Events**

Every year, the Office of Alumni and Career Services hosts organizations for information sessions and on-campus interviews. Organization representatives, professionals and alumni also attend five industry-focused expos held throughout the academic year. In addition to bringing employers on campus to recruit Richmond students, the office works to bring students to major metropolitan areas through Spider Road Trips. The office also assists students in applying for and attending regional and national career fairs.

For more information, visit [careerservices@richmond.edu](mailto:careerservices@richmond.edu).

### **Bonner Center for Civic Engagement**

The Bonner Center for Civic Engagement (CCE) helps students, faculty, and staff get involved in the Greater Richmond community. The CCE brings together its campus constituents and community members to address social issues in context and to respond to community-identified needs through community-based learning and research, advocacy work, deepened awareness of current events, service, alternative breaks, and city tours. Located in Tyler Haynes Commons, the CCE works with faculty and students to integrate academic learning with the pressing social issues facing the Richmond region and beyond. The CCE also sponsors educational programming on important local, national, and international issues.

### **Office of Common Ground**

Common Ground supports the University's priorities of diversity and inclusion by providing campus-wide resources and programs that foster community across lines of difference and an environment of full inclusion.

Common Ground focuses on the connections that students and employees make across differences and creates learning opportunities which foster our ability to understand the experiences of those whose life stories are very different than our own. More specifically, Common Ground:

- Offers students and others on campus opportunities to learn about diversity, inclusion, and social justice issues through focused dialogues, workshops, trainings, retreats and special programs.

- Supports, collaborates with, and offers consultation to groups or campus offices working to foster inclusive diversity.
- Serves as a confidential point of contact and advocate for students, faculty, and staff.
- Publicizes diversity initiatives, events, and other opportunities to the campus community.

### **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.

### **Dining Services**

University of Richmond Dining Services is a multi-operation department consisting of dining locations, snack shops, and retail stores. The 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 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 Westhampton Lake and gazebo. The campus smoothie bar, Freshens, and the Cellar, a late-night gathering space, are also 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 for their convenience. An off-campus meal plan also is available for commuting students. Details of the various meal plan options, including the Spider Flex and off-campus plan, are available on the dining services website at [dining.richmond.edu](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. For returning students, meal plans roll over from semester to semester. If you are moving to University Forest Apartments or off campus, your plan is not automatically changed or cancelled. It is the student's responsibility to change their plan in Bannerweb before the published deadline. Deadlines by which this selection must be made are sent to students through a SpiderByte email announcement 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. 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**

Students 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 a.m. and Saturday and Sunday from 10:30 a.m. until 1 a.m. Dining services maintains an up-to-date schedule of menus and operational hours for all campus locations on its web page. Meal plans follow the undergraduate academic calendar, and service and hours may be limited during academic breaks and holidays.

Catering and a wide variety of additional services, including nutrition counseling and meals-to-go, are also available through University Dining Services. Additional information is available upon request or can be viewed at [dining.richmond.edu](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 meals for Passover selections and carry-out 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 is also available. The store offers academically priced software, computer and office supplies, greeting cards, gifts, clothing, and health and beauty aids. Services include faxing and UPS shipping. The bookstore's website is [urspidershop.com](http://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 alumnus/a.

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 that 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 and library card. Neither the card nor its privileges is transferable.

All University students may sign up for the University's SpiderCard Account, a declining balance program which allows students to access previously deposited funds via their University One-Card. The SpiderCard Account allows students the ability to make purchases without carrying cash and can be used at the bookstore, the Student Health Center, most vending machines, for on-campus pizza delivery, in One Card Services for passport photos, for concessions in Robins Stadium/ Robins Center, and all campus dining locations. Students will be mailed information before the fall semester regarding SpiderCard sign up. Complete information on the One-Card is available at [onecard.richmond.edu](http://onecard.richmond.edu).

### **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 are available in several styles, including singles, doubles, triples, quads, and suites. Apartments are available for some upper-class students. First-year students are housed in traditional residence halls, which are primarily double rooms. 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, the Office of Undergraduate Student Housing assigns rooms and roommates.

General supervision of the residence halls is provided by Master's level professional staff who are assisted by specially trained upper-class 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 office of Living & Learning programs, the Residence Hall Association and the President's College Associates. These programs make the residence halls and apartments into living and learning environments that promote a sense of community and personal growth.

#### General Conditions

The Housing Contract sets forth the specific terms and conditions applicable to residence hall rentals, meal plans, telecom services, and data services. Each student approved for housing is referred to the appropriate website where a copy of the Housing Contract is available for preview. In addition, the terms and conditions of the Housing Contract and associated documents must be agreed upon prior to being housed. This is an electronic agreement. Detailed information regarding residence life and housing is available in the college handbooks.

### Student Policies

The University of Richmond is governed by policy statements that 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 ensure that both individual and group rights are appropriately observed and maintained.

#### Alcoholic Beverages and Other Drugs

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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, statutes as well as University policies prohibit 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.

More information about the University's alcohol and drug policy can be found online at [wellness.richmond.edu/common/pdfs/factsheets/alcohol-drug-policy.pdf](http://wellness.richmond.edu/common/pdfs/factsheets/alcohol-drug-policy.pdf).

### Emergency Information

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To report an emergency, call 911 or 289-8911 (cell phone). The non-emergency number is 289-8715

#### Getting Information

During an emergency, UR will distribute information to the campus community via:

- Audio—Tornado siren and PA system
- Web—This website, [alert.richmond.edu](http://alert.richmond.edu)
- Email—Blast email to '@richmond.edu' accounts
- Text/voice messages—UR Alert text messages and/or voice messages to faculty, staff, and students who register a cell or home phone through BannerWeb
- Campus phones—Telephone messages to campus telephones
- TV—UR TV channel 16 broadcasts
- People—Resident assistants and area coordinators
- Hotline—UR Emergency Hotline: (804) 289-8760 or toll free at (866) 386-0403

#### Emergency Terms

**Shelter in Place:** Choose an interior room or one with as few doors and windows as possible. Remain there until the danger has passed. Examples: Tornado or other severe weather, nuclear alert, or hazardous materials spill.

**Seek Secure Shelter:** Get into a lockable space, like an office or classroom, and remain there. Lock and barricade doors, turn off lights, and turn cell phones to silent or vibrate mode. Get under a desk or other surface to hide. Wait for further instruction from law enforcement. If the threat is in your building and you can safely flee, then do so. Examples: Active shooter or dangerous person immediately threatening the campus.

**Evacuate:** Immediately leave the building that you are in, exiting through the nearest and safest exit. If the fire alarm has not been activated, do so. Examples: Fire, smoke.

**Avoid Area, Warn Others:** In these types of incidents, the emergency is localized on campus. University officials do not want anyone near the area and want you to alert others of the emergency. Examples: Hazardous materials spill, flooded



roads, aircraft accident, bomb threat, civil disturbance, fire, gas leak, or power lines down.

### What to Do

#### Tornado

- Listen for the tornado siren. A single siren blast will sound continuously until the danger has passed.
- Seek shelter inside a building until notified by University officials that it is safe to leave.
- Stay away from electrical lines and devices.
- There is no “all-clear.” The danger has passed when the siren silences.

#### Fire

- Activate the nearest fire alarm and call 289-8911 if possible to report the location and cause of the fire.
- Everyone must leave immediately when a fire alarm is activated, even if there are no obvious signs of an emergency.
- Do not use the elevator.
- Remain calm and assist others in safely getting out.
- Confine the fire by closing all doors and windows if possible. Follow directions given by emergency personnel and go to the location designated by your building coordinator to await further instructions.

#### Earthquake

- Stay inside the building until the shaking stops. Don't run downstairs or rush outside while the building is shaking.
- Stay away from glass, windows, outside doors and walls, and anything that could fall.
- A sturdy table or desk can provide cover.
- Once the building stops shaking, exit the building calmly and check for others in need.
- Do not use elevators.
- If outdoors, stay in the open until the shaking stops, avoid any falling debris fields such as buildings, power lines, etc.

#### Active Shooter/Dangerous Person

- Remain calm, do not engage the intruder.
- A quick and quiet escape is suggested, if it can be done safely.
- If attempting to escape, keep your hands elevated with open palms visible, especially if encountering law enforcement officers. Follow all instructions officers may give you.
- If you cannot safely exit the building, seek secure shelter.
- Close and lock windows, lower blinds, remain out of sight, and turn off lights.

- Once secured inside, take cover behind concrete walls, thick desks, and filing cabinets that are away from windows and doors.
- Remain quiet, and turn off cell phone ringers.
- Only one person from the room should call police at 289-8911 and tell them where you are, where the dangerous person is, and the condition of others with you. Follow their instructions. If you cannot speak, leave the line open so the dispatcher can hear what is going on.
- Assist others if they are injured.
- Do not respond to any unfamiliar voice commands until you can be sure they are coming from a police officer.

### Grievances and Complaints

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Students who wish to file a complaint or grievance pertaining to University policies, procedures, or conditions may address their complaint 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:

#### Student Life Concerns

##### Housing

Carolyn Bigler, Office of Undergraduate Student Housing

##### Financial policies

David Hale, Vice President for Business and Finance

##### All other concerns

Steve Bisese, Vice President for Student Development

#### Academic Concerns

##### School of Arts and Sciences

Joe Boehman, Dean of Richmond College

Mia Reinoso Genoni, Interim Dean of Westhampton College

##### Robins School of Business

Jim Monks, Associate Dean for Undergraduate Business Programs

Richard Coughlan, Senior Associate Dean and Director of the Reynolds Graduate School of Business

##### Jepson School of Leadership Studies

Sandra Peart, Dean

##### School of Law

Alex Sklut, Associate Dean for Student Services and Administration

##### School of Professional and Continuing Studies

Ellen Walk, Associate Dean for Administration

### Harassment & Discrimination

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The University of Richmond prohibits any form of harassment or discrimination against applicants, students, faculty, or staff on the basis of race, religion, national or ethnic origin, age, sex, sexual orientation, gender identity,

gender expression, disability, status as a veteran or any classification protected by local, state, or federal law. . The University prohibits such discrimination or harassment by all students, faculty and staff, and Affiliates of the University. For more information, please see the Policy on Preventing and Responding to Discrimination and Harassment Against Students [https://policy.richmond.edu/documents/policy-pdfs/Public/Governance/policy\\_prohibiting\\_discrimination\\_and\\_harrassment\\_for\\_faculty\\_and\\_staff.pdf](https://policy.richmond.edu/documents/policy-pdfs/Public/Governance/policy_prohibiting_discrimination_and_harrassment_for_faculty_and_staff.pdf)

### **Hazing**

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The purpose of this policy is to ensure that students at the University of Richmond are not subjected to any type of hazing when joining a fraternity, sorority, athletic team or any other University of Richmond sponsored student organization. For more information, please see the Hazing Policy [https://policy.richmond.edu/documents/policy-pdfs/Public/Student-Development/hazing\\_policy.pdf](https://policy.richmond.edu/documents/policy-pdfs/Public/Student-Development/hazing_policy.pdf)

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

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University of Richmond is committed to assisting all members of the university community in providing for their own safety and security. The annual security and fire safety compliance document is available on the University of Richmond website at [police.richmond.edu/reporting/index.html](http://police.richmond.edu/reporting/index.html).

If you would like to receive a copy of the security and fire safety 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 a copy be mailed to you be calling (804) 289-8722.

The website and document 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 crime 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.

### **Official University Communications**

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The University of Richmond uses email as an official means of communication within the University. Examples include notification of financial aid, tuition bills, academic or disciplinary action, instructor feedback, and correspondence from University offices. Students are required to activate their @richmond.edu email account and to check it regularly. Students are responsible for reading the content of University communications sent to their email account. If students choose to forward their University emails to an external email

provider, they are responsible for ensuring that the external email account remains active.

### **Response to Troubled Students**

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If immediate assistance is needed because of a threat to someone's safety, call the police:

On-campus situations: Call UR Police emergency (804-289-8911); or 911 from any campus phone

Off-campus situations: Call 911 to access local police responders

For all other types of mental health or safety concerns, please fill out an Incident Report Form, which will be routed to the appropriate office(s):

- Undergraduate women: Westhampton College Dean's Office (804) 289-8468
- Undergraduate men: Richmond College Dean's Office (804) 289-8061
- Law students: Alex Sklut (804) 289-8013
- MBA students: Richard Coughlan (804) 289-8553
- School of Professional and Continuing Studies students: John Zinn (804) 287-6378 or Ned Swartz (804) 287-6338
- Counseling and Psychological Services (CAPS): (804) 289-8119.
- AFTER-HOURS: Contact University of Richmond Police: (804) 289-8715 (non-emergency), (804) 289-8911 (emergency).

Be alert to signs of difficulty:

- Deterioration in classroom performance or quality/quantity of work
- Missed assignments
- Repeated absences from class
- Disorganized or erratic performance
- Frequently falls asleep in class
- Comes to class bleary-eyed, hungover, or smelling of alcohol
- Continually seeks special provisions (late papers, extensions, postponed examinations); NOT including accommodations granted by a UR Disability Accommodation Notice
- Essays or creative work which indicate extremes of hopelessness, social isolation, rage, or despair
- Inappropriate or atypical behavior in class (e.g., hostile glances; highly argumentative; leaving class abruptly)

General behavioral indicators:

- Direct statements indicating distress, family problems or other difficulties
- Unprovoked or excessive anger or hostility
- Exaggerated personality traits (e.g., more withdrawn or more animated than usual)
- Excessive dependency

- Tearfulness
- Dramatic mood swings
- Flat affect (i.e., no display of emotion at all)
- Deterioration in physical appearance, or lack of personal hygiene
- Impaired speech; disjointed thoughts
- Social withdrawal
- Loss of interest in previously enjoyed activities
- Excessive fatigue
- Significant changes in weight
- Marked worries, fears, anxiety
- Marked restlessness, tension, or agitation

Safety risk indicators:

- Hints about not being around in the future, or saying goodbye
- Any statement, written or oral, which has a sense of finality or a suicidal tone to it
- Essays or papers which focus on despair, rage, suicide or death
- Gives away prized possessions
- Self-injurious or self-destructive behaviors
- Active substance abuse and/or increase in use of drugs or alcohol
- High degree of agitation, or impulsivity
- Any other behavior which seems out of control
- Has been a victim of bullying by others
- Enjoys hurting animals
- History of previous violent acts
- Frequently starts or participates in fights
- Extreme hostility toward peers or authority figures
- Loses temper and self-control easily
- Becomes easily frustrated and converts frustration into physical violence
- Access to or preoccupation with weapons
- Possesses or creates media depicting graphic images of death or violence
- Statements indicating harmful intentions toward others
- Detailed plans for committing acts of violence

### Take these signs seriously

Don't disregard what you've observed. At the very least, convey your observations and concerns to the appropriate dean's office. The dean's office usually has the most holistic picture of each student, and is best able to gather information from a variety of sources. The dean's office can call a student in, express concern and make referrals to appropriate sources of help.

### Right of Privacy (FERPA)

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 or contact the Office of the University Registrar, located in the Queally Center

### Sex Offender

In accordance with the Jacob Wetterling Crimes Against Children and Sexually Violent Offender Registration Act, the Virginia State Police will advise the University of Richmond Police Department if a registered sex offender is employed, carries a vocation, or is a student at the University of Richmond. This information is also available at the Virginia State Police Sex Offender registry.

### Sexual Misconduct

As an educational institution, the University of Richmond values a learning community in which all members feel secure, physically and intellectually. Behavior that harms others or threatens campus security challenges the institution's key mission to "sustain a collaborative learning and research community that supports the personal development of its members and the creation of new knowledge." Sexual misconduct is such behavior and is prohibited at the University of Richmond. Sexual misconduct is a broad range of behavior that includes but is not limited to non-consensual sexual intercourse, non-consensual sexual contact, sexual exploitation, sexual harassment, and stalking.

Please see the complete policy at [policy.richmond.edu/documents/policy-pdfs/Public/Governance/policy\\_prohibiting\\_sexual\\_misconduct.pdf](http://policy.richmond.edu/documents/policy-pdfs/Public/Governance/policy_prohibiting_sexual_misconduct.pdf).

### Standards of Conduct

The University of Richmond considers cultivation of self-discipline and resolution of issues through process 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 disrupts or interferes with the educational processes, 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 that 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 disciplinary warning up to and including suspension 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 Student Handbook 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 on occasion by the University of Richmond or by individual colleges and schools of the University.

### **University Academic Honor Code Statute**

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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. Cheating, plagiarism, lying, academic theft, disclosing honor council information, registration irregularity, and failure to report an Honor Code Statute violation are all considered breaches of the code. Any person who violates these standards shall be subject to disciplinary action ranging from reprimand up to and including expulsion from the University. Guilt or innocence will be determined and sanctions imposed, when necessary, 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 Police**

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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 investigates 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 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 [police.richmond.edu](http://police.richmond.edu).

### **University of Richmond Honor Councils**

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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 [studentdevelopment.richmond.edu/student-handbook/index.html](http://studentdevelopment.richmond.edu/student-handbook/index.html).

## **Academic Opportunities and Support**

### **Academic Advising**

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An important part of a liberal arts education at the University of Richmond is the relationship between a student and his or her academic advisor. All full-time faculty members in the undergraduate schools and some experienced staff members serve as advisors. While some professors advise only majors in their programs, most advise both majors and students who have not yet declared a major. The ratio of students per advisor is intentionally kept low so students can benefit from personal attention as they plan their academic program.

While the University believes that the responsibility for decisions and actions resides with each individual, advisors are available to answer questions about the curriculum and choosing courses and to help students navigate their years at

Richmond. They can assist students along the path to choosing a major, examining career choices, and deciding on research studies or internships. Many graduates report that their advisor was a highly valuable resource to them, and many advisees and advisors remain in touch after the student has left the University.

In addition, the Academic Advising Resource Center (AARC) is available to assist both advisors and advisees with any questions or concerns. For more information about academic advising, contact the AARC at [advising.richmond.edu](http://advising.richmond.edu).

### **Academic Support Centers**

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#### **Academic Skills Center**

The Academic Skills Center, located in the administrative wing of Boatwright Library, provides academic skills support to University of Richmond students. Operating from an holistic vantage point, the Center incorporates counseling and academic skills techniques (e.g., exam preparation, critical reading, critical thinking, note-taking, information processing, concentration, time management, etc.), that address the academic performance of students and their social adjustment

to the University environment. The Center offers free tutoring in a variety of subjects (e.g., calculus, chemistry, accounting, etc.) to students through its Peer Academic Skills

Tutoring program. Both individual and group tutoring options are available. Call (804) 289-8626, visit [asc.richmond.edu](http://asc.richmond.edu) or come by the Center for more information.

### Weinstein-Jecklin Speech Center

Practice and preparation can make the difference between a satisfactory speech and a memorable one. Video recording, 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 record small group discussions for classroom purposes. The student

consultant staff assists client peers with mock interviews, symposia presentations, brainstorming, or conference panel practice sessions.

Faculty and trained undergraduate students conduct consultations daily at the speech center; practice sessions are available evenings and weekends by appointment. Reservations are made through the speech center's website at [speech.richmond.edu](http://speech.richmond.edu). 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 [writing.richmond.edu](http://writing.richmond.edu).

### Honor Societies

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Many honor and professional societies have chapters at the University of Richmond.

Phi Beta Kappa is the oldest undergraduate honor society in the United States. The Richmond chapter, Epsilon of Virginia, was founded in 1929. Phi Beta Kappa members are selected from the Schools of Arts and Sciences and Leadership based upon academic achievement.

Beta Gamma Sigma is the national honor society for business students. The University of Richmond chapter was founded in 1965. Faculty members select students for membership based on distinguished academic record.

Omicron Delta Kappa is the national leadership honor society. Chartered in 1921, Richmond's ODK chapter recognizes academic achievement, leadership, and membership positions

Golden Key National Honour Society recognizes and encourages scholastic achievement. Richmond's chapter was chartered in 1990 and provides academic recognition, leadership and community service opportunities, and educational programs for its members.

Mortar Board is a national honor society that recognizes college seniors for distinguished scholarship, leadership, and service. Membership is open to rising seniors by invitation.

In addition to these campus-wide honor societies, many departments sponsor campus chapters of national honor societies in their disciplines. Information regarding departmental honor societies can be obtained from individual departments.

### WILL Program (Women Involved in Living and Learning)

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WILL is a four year, nationally recognized program for women interested in exploring gender and diversity issues both in and out of the classroom. Students strengthen their leadership skills as they actively work to create a more equitable world. The first program of its kind, WILL has been replicated by schools around the country.

WILL consists of three complementary components:

Women, Gender and Sexuality Studies (WGSS) minor

1. The WGSS minor serves as the cornerstone of the WILL curriculum, providing a theoretical framework for the examination of gender, societal institutions, individual beliefs and a wide range of social justice struggles and achievements.
  - a. The minor includes a supervised internship, which provides invaluable experience for career preparation.
  - b. The minor in WGSS complements all majors and minors and enhances study abroad opportunities.
2. Leadership
  - a. WILL students develop leadership skills and gain real-world experience over the course of the four-year program.
  - b. Students apply academic knowledge to social problems in the campus community, the city of Richmond and beyond.
  - c. Students are involved in active decision-making through the WILL student leadership organization, which includes an elected board and student committees.
3. Gender and Diversity-Related Events
  - a. WILL sponsors events throughout the year, including an annual speaker series, that bring prominent women and men to campus to discuss gender and diversity-related topics.
  - b. WILL students meet with scholars and activists in small groups in order to learn more about the speakers' expertise in a more intimate setting.



The WILL program fosters a deeper understanding of gender and its intersections with race, culture, class, sexuality, and other aspects of social identity. By connecting students with one another, and to a strong and supportive network of faculty, staff, students, alumnae, and community mentors, WILL students develop critical thinking, problem-solving, and leadership skills. In addition, WILL provides opportunities for women to explore career and life choices that enable them to excel and realize their full potential.

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, sophomore women may also apply. For further information, visit WILL's website at [will.richmond.edu](http://will.richmond.edu).

### Sophomore Scholars-in-Residence

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Beginning August 2009, the University will offer several unique living and learning communities designed to enhance student learning beyond traditional methods. Sophomore students will be invited to live in special learning communities in Lakeview Residence Hall that revolve around a central theme. Residents take a credit-bearing class together that meets in a classroom/kitchen area located on the first floor of Lakeview Hall. Students are actively involved in experiential and social activities outside of class time with the professor. Themes may include politics, foreign language, outdoor adventures, civic engagement, and literature. Questions can be directed to the vice president for student development.

## Confidentiality/Privacy/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), email, 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 an 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 [registrar.richmond.edu/ferpa/index.html](http://registrar.richmond.edu/ferpa/index.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.

*Note: Code of Virginia 23.1-405(C) restricts the disclosure of a student's email address, physical address, or telephone number to parties outside the University under the exception in the Family Educational Rights and Privacy Act (FERPA) for directory information unless the student has approved the disclosure in writing.*

### Rights with Respect to Education Records

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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 [registrar.richmond.edu/ferpa/statement/index.html](http://registrar.richmond.edu/ferpa/statement/index.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**

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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's website at [ifx.richmond.edu/research/fact-book.html](http://ifx.richmond.edu/research/fact-book.html).

## **International Education**

The academic programs of the schools of arts and sciences, business, and leadership studies provide opportunities for the study of international subjects within academic fields long associated with such issues as political science, anthropology, and languages and literatures. Importantly, in response to changes in the world and in higher education, the University has committed itself to the internationalization of the curriculum as a whole. There is a large and growing number of courses in all departments that include international components. Interdisciplinary majors such as environmental studies, German studies, American studies, and international studies also examine international and global issues and regional politics that may cross national borders. Students interested in international issues can combine a major in a traditional academic discipline with an interdisciplinary program, for example, international studies and biology. The curricula of the Jepson School of Leadership Studies and the Robins School of Business also offer a significant number of courses that are international in scope and focus, including the concentration in international business in the Robins School of Business.

The University of Richmond places strong emphasis on the integration of international education into the academic and co-curricular experience of all students. To that end, the Office of International Education (OIE) organizes activities and events such as lectures, concerts, discussion groups, study abroad fair, and an annual international film series. The OIE also organizes a biannual faculty seminar abroad program designed to enhance the international experience and expertise of its faculty to further internationalize the curriculum. An International Resource Center with travel, work, and volunteer information is located in the OIE.

### **Campus Activities**

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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. Exhibits, concerts, and the annual International Film Series 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, including exchange students from Richmond's partner institutions who are fully integrated into the life of the University.

### **Study Abroad**

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The University of Richmond has relationships with over 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 who meet the stated eligibility criteria as stated on the UR study abroad Web page can be considered for study abroad for a semester, year, or summer. With faculty approval, students may earn major, minor, and elective credits toward graduation. Each year a few short faculty led programs abroad related to specific courses are offered during semester break periods.

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 ([international.richmond.edu/about/partners.html](http://international.richmond.edu/about/partners.html)) 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 a re-entry event 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, or 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 meet required procedures and standards may transfer up to 5.5 units 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 is also possible to combine intensive study of a foreign language with other courses taught in English.

Early planning ([international.richmond.edu/semester/apply/index.html](http://international.richmond.edu/semester/apply/index.html)) is crucial to any successful study abroad experience. The selection of an appropriate program must take into account the student's academic background 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 options 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 exchange and affiliate programs worldwide ([international.richmond.edu/about/partners.html](http://international.richmond.edu/about/partners.html)). During the summer, the University of Richmond School of Professional and Continuing Studies ([spcs.richmond.edu/summer/study-abroad/](http://spcs.richmond.edu/summer/study-abroad/)) sponsors a number of summer study abroad programs directed by Richmond faculty. Internships are available in Australia, England, Germany, Ireland, Mexico, and South Africa. The

University 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 Richmond program does not meet a student's academic needs. Decisions regarding petitions for non-Richmond 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. See OIE web page for information on deadlines by which such petitions must be submitted. Transfer credits for semester study abroad will be awarded only for preapproved programs.

After an appropriate study abroad program has been selected, each student should meet the established admission criteria as listed on the OIE study abroad Web page. Students are expected to meet deadlines and follow procedures as stated on the study abroad web site. Students are required to indicate a second choice in the study abroad application in case placement in the first choice is not possible due to eligibility concerns or if the program is full.

Maintenance of status as a current student can be assured only if the program is approved and the student maintains a full-time course load abroad. 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. Credit for repeat courses or in disciplines not taught at Richmond will not be granted. Please see the Academic Procedures section ([undergradcatalog.richmond.edu/academic/index.html](http://undergradcatalog.richmond.edu/academic/index.html)) for additional administrative information.

For specific information on financial aid ([financialaid.richmond.edu/undergrad/study-abroad/index.html](http://financialaid.richmond.edu/undergrad/study-abroad/index.html)) for study abroad, consult the Office of Financial Aid. Almost all financial aid is transferable to University of Richmond academic semester and year programs. See [studyabroad.richmond.edu/](http://studyabroad.richmond.edu/) for more information.

### **International Student Advising**

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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. Immigration, employment, health insurance, academic, cultural, and practical matters are addressed by the staff in consultation with relevant academic departments and administrative units of the University. In order to help international students and scholars integrate 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. Depending on the program, the University provides 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

#### Credit by Examination

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The University of Richmond accepts several credit-by-examination options. All students at the University may apply a maximum of seven units of transfer credit from work, 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, 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. The exams must have been taken prior to the student's initial enrollment at the University. 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. Arrangements to take CLEP examinations may be made with the College Board. Current information is available 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. 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

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

- A. 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.

- B. 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**

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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. In the Robins School of Business, all upper level courses (including all Business Core courses, Finance, Marketing, Management, International Business, Accounting courses above 201, and Economics courses above 102) must be taken at an AACSB accredited school or as a part of a University of Richmond approved study abroad program in order to be considered for transfer credit towards the major/minor.

Approved credit earned at another institution will be converted to the University of Richmond unit (one unit is the equivalent of 3.5 semester hours) and applied to the record accordingly. Up to five 3-semester hour courses will be transferred in as one unit; additional 3-semester hour courses will be transferred in as .86 units. Coursework accepted in transfer shall be applied to specific degree requirements subject to the discretion of the academic department concerned. Units awarded are added into units required for graduation, but grades are not calculated in the grade point average.

Students entering the University of Richmond as first-year students must complete 28 units of University of Richmond-approved work toward the undergraduate degree, which includes approved exchange and study abroad programs, approved visiting away and off-campus programs as well as courses taken through dual degree and cross-registration programs. Students entering as first-year students must complete at least 17.5 units in residence at the University of Richmond.

Students entering the University of Richmond as transfer students (having matriculated after graduation from high school as a degree-seeking student at another post-secondary institution) with at least 6.82 units of transfer work will have the 28-unit requirement prorated.

Transfer students who attended another institution for one year must earn 23 units of University of Richmond-approved work toward the undergraduate degree which includes approved exchange and study abroad programs, approved visiting away and off-campus programs as well as courses taken through dual degree and cross-registration programs.

Transfer students who attended another institution for one year must complete at least 17.5 units in residence at the University of Richmond.

Transfer students who have attended another institution for one and one half years must earn 20.5 units of University of Richmond-approved work toward the undergraduate degree which includes approved exchange and study abroad programs, approved visiting away and off-campus programs as well as courses taken through dual degree and cross-registration programs. Transfer students who attended another institution for one and one half years must complete at least 17.5 units in residency at the University of Richmond with one exception: they may apply up to 1 unit earned on an approved exchange or study abroad program towards the 17.5-unit residency requirement.

Transfer students who attended another institution for two or more years must earn 17.5 units in residence at the University of Richmond with one exception: they may apply up to 4 units earned on an approved exchange or study abroad program towards the 17.5-unit residency requirement.

### **First Year Students Bringing in Credit**

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Students who enroll as first-years may bring in no more than seven units of credit, including credit by examination and transfer credit, to be applied toward their University of Richmond degree. Additional transfer work can be entered on the transcript and can be used to fulfill prerequisite requirements (not general education requirements), but only seven units of credit will count toward a degree.

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. 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. Work taken through other institutions prior to initial enrollment is evaluated on an individual basis. Not all departments will accept work taken as a part of a high school program even if transcribed by an accredited institution. In order for work taken at another institution to be evaluated for transfer credit, the University must receive an official transcript mailed directly from the institution at which the work was completed. The student and transferring institution must also complete the Transfer Work Certification form available from the Office of the University Registrar.

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. 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 Office of the Registrar. 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

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

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 titled Change of Registration.

### Enrollment

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

### Prerequisites

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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 unenrolled from the course.

### Limits of Work

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A student normally enrolls for four or five units per semester. The minimum load for a full-time student is 3.5 units.

No student may enroll for more than 5.5 units or fewer than 3.5 units of work without the permission of the dean of his or her school. (Arts and Sciences - see Richmond or Westhampton college deans; Business and Leadership Studies - see academic dean.) Enrollments in either category are subject to special charges as specified in the Financial Affairs section. Students enrolled for fewer than 3.5 units are classified as part time. During the summer, a student may enroll in a maximum of 5.5 units.

### School of Professional and Continuing Studies Courses

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Courses taken through the School of Professional and 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 department chair. Courses in the School of Professional and Continuing Studies will be granted unit credit that is equivalent to the semester hours granted for the

course. In order to apply to the bachelor's degree, courses must taken at the undergraduate level.

Students may take no more than one School of Professional and Continuing Studies course per semester and no more than four courses in cumulative total during their undergraduate degree. School of Professional and Continuing Studies courses are not available to Arts and Sciences, Business, or Leadership Studies students for registration until the first day of class and only on a space available basis.

### Change of Registration

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Students are able to register for classes through BannerWeb, a secured website that may be accessed over the Internet at [bannerweb.richmond.edu](http://bannerweb.richmond.edu) or through the University's website. 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](mailto:registrar@richmond.edu).

Once registered, students may change their registration (add/drop) according to the published schedule. For a regular term, adds and withdrawals without academic record may generally be made during the first two weeks of classes. Summer terms have abbreviated add/drop and withdrawal periods, so please consult the summer academic calendar for those dates. 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 receive an M grade if failing at the time of withdrawal or a W grade 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

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Auditing a course means that the course instruction is undertaken but not for credit or a 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. However, audited coursework does *not* count toward the required, full time enrollment status for financial aid purposes. If you are receiving financial aid and plan to audit a course, you are encouraged to check with the Office of Financial Aid before submitting the permission form to determine the impact, if any, on your financial aid eligibility. 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 leadership studies student who has completed at least 18 appropriate dean.

### Pass/Fail Option

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**School of Arts and Sciences and 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 18 units of academic work may opt for one normally standard-graded course per semester to be graded on a pass/fail basis or if more than one course not more than one unit of total credit. The resulting credit may only be used to count as total 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 grade in a student-opted pass/fail course is D- or better. A passing grade will be recorded as P on the permanent record. The credit will be added into credit earned toward graduation and will not affect the grade point average. A failing grade will be recorded as F on the permanent record. The credit 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

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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 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.

### Registration Holds

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The following holds will prevent students from registering (students can access BannerWeb to check holds): Admissions Office, Cashier, Dean's Office, Library, Long-Distance (Student Account Hold), Parking Services (Student Account Hold), Student Credit Service, Perkins Loan in Repayment, Registrar's Office, Student Health, and Student Accounts. For further information on these types of holds, contact the office from which the hold originated.

### Course Administration

#### Class Attendance

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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 under supervision of faculty advisors include, but are not limited to: theatre/dance and musical performances, debate, mock trial, model UN, conference attendance, and ROTC field leadership exercise. Because such events and varsity athletic competitions are recognized as integral to the educational experience, the appropriate coordinate college dean 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 will honor notification from the college deans that a student is to be excused for participation in a University-sponsored event. All other absences will not be officially announced by a dean, 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.

**Note:** The health center does NOT provide "medical excuse" notes for students.

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

**Note:** Students enrolled in School of Professional and 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.

### **Religious Observance Policy**

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The University is a secular institution that values a diversity of religious expression. The University is also an active community with a wide range of personal commitments and academic and extracurricular activities.

Planning for academic and extracurricular activities should be done with sensitivity to the diverse religious commitments of the community and an awareness of religious holidays. Scheduling large-scale, one-time academic or extra-curricular events on a religious holiday should be avoided whenever possible.

Any student may be excused from class or other assignments because of religious observance. A student who will miss an academic obligation because of religious observance is responsible for contacting his or her professor within the first two weeks of the semester. The student is responsible for completing missed work in a timely manner.

Faculty are expected to be mindful of potential conflicts with religious observances and should make reasonable accommodations when students' religious practices conflict with their academic responsibilities.

The religious observance calendar is meant to serve as a scheduling guide. It lists significant holidays from the five largest global faith traditions. However, it is not comprehensive and students may choose to observe a holiday not included on the calendar.

The holidays listed are those which occur during the academic year when the University is open.

### **Examination**

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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**

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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.

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 or, for courses in Jepson School of Leadership Studies, to the Associate dean for Academic Affairs.

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

In the event of continued dispute, students in the School of Arts and Sciences and the Robins School of Business may formally petition the dean of the school the course is taught in. In the School of Arts and Sciences, the dean, in consultation with department faculty, may present the matter to the academic council for a decision. In the Robins School of Business, the dean, in consultation with department faculty, will present the matter to the academic council for a decision.

### **Jepson School of Leadership Studies**

Faculty members are expected to evaluate student performance based on the criteria and requirements outlined in the course syllabi. All students are to be treated impartially and fairly in relation to those requirements. Students have two bases for a grade appeal: 1) the alleged failure of a faculty member to assign the proper weight as stated in the course syllabus to various parts of the assessment elements that contribute to the final grade; 2) alleged prejudicial treatment of a student in relation to the treatment afforded other students in the course. A student should be prepared to demonstrate a direct link between the circumstances of the awarding of his/her grade and one of the bases above. Should a student have reason to appeal the final grade in a course, the student should first bring the matter to the attention of the instructor (if available). If the results of that inquiry are disputed, the student may next bring the matter to the attention of the Associate Dean for Academic Affairs no more than three calendar weeks from the first day of classes of the following semester. In the event of continued dispute, the Academic Affairs Committee will review the complaint and report its findings to the dean.

### **Grading Policies**

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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 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, 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 toward the completion of an incomplete course.

*\*The change to the Y grade policy for the School of Arts and Sciences, Business, and Leadership Studies--removing the permanence of the 'Y' grade--was approved by University Faculty Senate on February 17, 2017.*

### 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 unit credit value. A unit 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. One unit is the equivalent of 3.5 semester hours. Courses worth .25 units are graded pass/fail only and those worth 0 units are graded satisfactory/unsatisfactory.

GPA Units- The accumulation of academic units that have grades to which grade point values are assigned; and

Grade Points- Given for each unit'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	V	0.0		

### Calculation Points

The grade point average is calculated by dividing the total number of grade points earned by the total number of GPA units. The grade point average is represented to two significant decimal figures and truncated, not rounded.

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 units. Earned units are the academic units in which the student has earned passing grades, plus unit 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. 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. 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 unit credit or equivalent as awarded at the other institution will be the units transferred. Units awarded are added into units earned for graduation, but grades are not calculated in the grade point average. (Individuals admitted as transfer students, please see the Advanced Standing section.) Students must complete 28 units of University of Richmond-approved work toward the undergraduate degree, which includes approved exchange and study abroad programs, approved visiting away and off-campus programs as well as courses taken through dual degree and cross-registration programs (transfer students will have this requirement prorated-see section on Transfer Credit).

### 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 will also answer questions about the procedure.

### School of Arts and Sciences and Jepson School of Leadership Studies



While students are expected to obtain 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 may approve for transfer credit those courses that meet the following criteria: The course is completed at an institution accredited by the Association to Advance 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. Only work taken through approved programs will be eligible for transfer credit. Further information about study abroad is presented in the chapter on International Education.

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

### **Visiting Student Status**

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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**

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#### **Summer Study Abroad Programs**

Only programs with a University of Richmond director or faculty that 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 except where noted in the program description. There are a number of University study abroad programs including programs in Argentina, Czech Republic, France, Germany, Italy, Japan, Jordan, Peru, Spain, and Taiwan. All of the programs above are administered through the University of Richmond Summer School office.

#### **Study Abroad – Degree-seeking Students**

Richmond offers its students many opportunities for educational experiences abroad throughout the year.

Degree-seeking students wishing to study abroad during the academic year must apply through the University's Office of International Education (OIE) to participate in one of our exchange or affiliate programs ([international.richmond.edu/about/partners.html](http://international.richmond.edu/about/partners.html)). Admission to any program is dependent on meeting the eligibility criteria as stated on the study abroad web site, academic fit, and places available. Richmond students may not study at Richmond exchange or affiliate programs and transfer credit back to the University without having been accepted into the program through the OIE.

Richmond invests considerable resources in creating study abroad opportunities consistent with the standards and educational objectives of the University and the needs of its students. Richmond students must study on a Richmond semester abroad program unless they can demonstrate, through a petition process, that no Richmond program meets their academic needs. Petitions are reviewed 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 credit for non-UR semester study abroad experiences will be awarded only for pre-approved petitions. The deadline for filing a petition to take part in a non-UR program abroad is typically one to two weeks prior to the application deadline for Richmond semester abroad programs. See website for details.

During the summer, the University of Richmond School of Professional and Continuing Studies ([sps.richmond.edu/summer/study-abroad/index.html](http://sps.richmond.edu/summer/study-abroad/index.html)) offers a number of summer study abroad programs directed by Richmond faculty, as well as internships offered on a credit or non-credit basis, in many different countries. **Note:** Students should contact the Office of International Education regarding summer abroad programs not offered by the University of Richmond.

### **Academic Standing**

#### **General Information**

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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**

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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 units passed including, if applicable, acceptable transfer and/or advanced standing credit. The standings are:

Year 1	0 - 6.82 units
Year 2	6.83 - 15.40 units
Year 3	15.41 - 23.97 units
Year 4	23.98 or more units

### Dean's List

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

The Dean's List of Distinguished Students recognizes outstanding scholars for fall and spring semester. The student must complete at least 3.5 earned units for the semester (excluding P/F units), with no grade below a B- (2.7), and a minimum term GPA of 3.60.

### Academic Progress

#### Good Standing

Full-time students are considered to be in Good Standing at the end of a semester if, in that semester (including a semester abroad), they have

- Completed at least 3.5 units of course work, and
- Earned a minimum term GPA of 1.8

In addition, full-time students\* must meet the following minimum thresholds in order to enter their third, fifth, seventh, and ninth semesters in Good Standing:

Good Standing Requirements for Students	Cumulative GPA	Earned Units <i>(including units earned through transfer and advanced standing)</i>	Other
Entering 3 <sup>rd</sup> semester	1.8	6.86	
Entering 5 <sup>th</sup> semester	1.9	14	Completion of FYS requirement Declaration of Major
Entering 7 <sup>th</sup> semester	2.0	21	Declaration of Major
Entering 9 <sup>th</sup> semester	2.0	28	Declaration of Major

#### Academic Deficiencies

Academic deficiencies are of two types: Academic Probation and Withdrawn for Academic Reasons.

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 Academic Probation, limited in units of enrollment, or Withdrawn for Academic Reasons, regardless of grade point average. In addition, such student may be restricted from participation in certain University activities.

#### Academic Probation

A student who falls below the minimum accumulations of semester units and/or grade point average (GPA) for Good Standing will be placed automatically on Academic Probation. Academic Probation includes continued enrollment at the University with a clearly outlined plan, developed in concert with the dean, to improve performance and return to Good Standing.

#### Withdrawn for Academic Reasons

If at the end of the semester of enrollment after being placed on Academic Probation, the student fails to meet the minimum standard to return to Good Standing, the student will be Withdrawn for Academic Reasons. At least one full fall or spring term must elapse before a student Withdrawn for Academic Reasons is eligible for readmission. In addition, a student is Withdrawn for Academic Reasons:

- May not enroll in a fall or spring term at the University during the period of Academic Withdrawal
- May not enroll in a summer term at the University without permission of the dean
- Must apply for readmission

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 Academic Probation for a single additional semester.

A second Withdrawal for Academic Reasons will typically result in Academic Dismissal, and the student would be ineligible for readmission.

#### Appeals

Students not meeting requirements for Good Standing may appeal their Withdrawal for Academic Reasons, in writing, to the Executive Vice President and Provost within 30 days of notification that the student has been Withdrawn for Academic Reasons. A student's request must include information regarding why the student is not meeting the standards for Good Standing and what factors have changed that will allow the student's academic progress to improve by the next evaluation. The Provost's response to the student appeal is final and cannot be appealed.

#### Jepson School of Leadership Studies

A student will be placed on academic probation when the student's leadership studies GPA falls below 2.0 or the student earns a grade below C- (1.7) in a leadership studies course. While on academic probation, a student's participation in athletics, debating, dramatic or musical organizations, as well as their representation of the University in any public capacity, may be restricted.

If the student does not meet academic standards in the following semester, he or she will be dismissed from the program in leadership studies. The student may request a one-semester extension of the probationary status. The appeal should be directed to associate dean for academic affairs of the Jepson School of Leadership Studies. If granted and the student does not meet all standards after the probationary year, he or she will be dismissed from the program in leadership studies. Any further appeals should be

directed to the dean of the Jepson School of Leadership Studies. Upon review of the student's record and any additional information, the dean will render a final decision.

### **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 by the deadline, typically February 15 for readmission for the summer or fall terms and October 15 for readmission to the spring term. Applications for readmission will be evaluated by a committee including the Richmond and Westhampton College deans, the senior associate registrar, the AVP and director of financial aid, and the relevant associate dean from the Jepson School of Leadership Studies or the Robins School of Business, for students who are majoring in that school.

To be readmitted after being Withdrawn for Academic Reasons, a student must:

- Meet any requirements outlined by the dean, which can include successful completion of a course(s) in summer term or elsewhere to improve a student's academic standing, so long as such transfer credits are consistent with the University's transfer credit policy;
- Submit an application for readmission that demonstrates to the satisfaction of the committee that the issues that resulted in inadequate academic performance have been addressed and academic poor performance is unlikely to recur; and
- Demonstrate that graduation is possible and articulate an academic pathway for return to Good Standing.

decision.

### **Withdrawal from the University**

Students who plan to withdraw from the University of Richmond must submit an official withdrawal letter to their Dean. The Dean's Office will notify the appropriate offices of the student's withdrawal from the University of Richmond including the actual withdrawal date.

### **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 by the deadline, typically February 15 for readmission for the summer or fall terms and October 15 for readmission to the spring term. Applications for readmission will be evaluated by a committee including the Richmond and Westhampton College deans, the senior associate registrar, the AVP and director of financial aid, and the relevant associate dean from the Jepson School of Leadership Studies or the Robins School of Business, for students who are majoring in that school.

To be readmitted after being Withdrawn for Academic Reasons, a student must:

- Meet any requirements outlined by the dean, which can include successful completion of a course(s) in summer term or elsewhere to improve a student's academic standing, so long as such transfer credits are consistent with the University's transfer credit policy;
- Submit an application for readmission that demonstrates to the satisfaction of the committee that the issues that resulted in inadequate academic performance have been addressed and academic poor performance is unlikely to recur; and
- Demonstrate that graduation is possible and articulate an academic pathway for return to Good Standing.

## **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 35 units. 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**

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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 and majors and minors within the Robins School of Business, 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**

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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.

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 in the School of Arts and Sciences, Robins School of Business, or Jepson School of Leadership Studies; 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**

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To earn an undergraduate degree, a student must complete 28 units of University of Richmond approved work which includes approved exchange and study abroad programs, approved visiting away, dual-degree and off-campus programs as well as courses taken through cross-registration (transfer students will have this requirement prorated-see section on Transfer Credit).

A student must have completed at least 17.5 units of acceptable coursework required for the degree in residence at the University of Richmond (transfer students will have this requirement prorated--see section on Transfer Credit). The last eight units are expected to be included within the 17.5 units required in residence.

In no case may a student count more than 17.5 units from a single subject area toward the minimum number of units necessary for graduation. Students may not apply more than four courses from the School of Professional and Continuing Studies towards their degree.

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.

### **Robins School of Business**

All transfer students, as part of their degree requirements, must complete at least 12 units of coursework in business/economics within the Robins School of Business.

### **Jepson School of Leadership Studies**

At least 10 of the required 17.5 residence units required for a degree must be taken in the Jepson School of Leadership Studies

### **Financial/Administrative Responsibilities**

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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**

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To graduate a student must file a degree application with the Office of the University Registrar. 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 graduate in December should file a degree application by the first Friday in February.

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.

### **Attendance At Commencement**

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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 summer completion of degree requirements are also expected to participate in the spring graduation ceremony. Students who expect to complete degree requirements in December may participate in the spring commencement either prior to or following their December completion. 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. December degrees are conferred as of the date specified in the academic calendar. Diplomas for December graduates are mailed to students who have previously participated in the commencement ceremony. Those who will be participating in a future ceremony will receive their diploma at that time.

### **Degree With Honors (Latin Honors)**

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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, and Robins School of Business**

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

## **Second Undergraduate Degree**

### **General Information**

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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**

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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 Richmond 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 coordinate college.) A student who holds a Bachelor's degree from another university shall apply to the dean of admission. 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 9 units. 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 Richmond student must achieve at least a 2.00 grade point average on a minimum of nine additional units of resident academic coursework selected from the catalog of courses. Courses in which a student-opted Pass is earned shall not count in the nine units. 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 17.5-unit residency requirement. Students who did not earn their first degree at Richmond must achieve at least a 2.00 grade point average the additional 17.5 units

A student who completes the requirements for the consecutive degree is ineligible for Latin honors, and will not be assigned a graduating class rank. Financial aid is not available to students pursuing a consecutive (second) bachelor's degree.

### **Concurrent (Dual) Bachelor's Degrees**

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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 two bachelor's degrees 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 coordinate college.) Students in the Robins School of Business or the Jepson School of Leadership Studies who desire a second undergraduate degree in the arts and sciences must receive the approval of the dean of the appropriate coordinate 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 concurrent bachelor's degrees, a student must complete 44 units of academic work plus the additional degree requirements with at least 28.5 units 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.

## Courses and Curriculum

The University of Richmond provides a collaborative learning and research environment unlike any other in higher education, offering students an extraordinary combination of the liberal arts with law, business, leadership studies, and continuing education.

Small class sizes with zero teaching assistants facilitate close interaction between students and faculty. And learning opportunities such as undergraduate research, study abroad and internships give a hands-on perspective to classroom study.

All first-year undergraduate students also enroll in a First-Year Seminar, which encourages exploration across a wide range of fields, from bioethics and math to art history and English. From the start, a Richmond education gives students the communication and critical thinking skills, the curiosity, and the confidence to pursue opportunities with passion.

### General Education Curriculum

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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 seminar courses
- 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.

### Curriculum

#### First-Year Seminars

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First-Year Seminars (FYS) provide entering students the excitement of engaged learning through a diverse array of seminar topics. With small classes, a variety of topics, and close contact with faculty, First-Year Seminars offer a hands-on introduction to academic inquiry. A wide variety of seminars will be offered each year, drawn from every school of the University. Each entering student will take a FYS 100 course in the fall and spring of the first year. Readmitted students must complete the First Year Seminar requirement within a year of their readmission. First-Year Seminars serve as an introduction to academic inquiry and the modes of expression that lie at the heart of a liberal arts education. They foster habits of mind fundamental to students' intellectual and academic development, including critical reading and thinking, sharing ideas and research through discussion, and the ability to write and think clearly and effectively. Integrating explorations of specific questions and topics with the development of skills, seminars aim to foster intellectual curiosity and students' ability to act on it.

#### Communication Skills

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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 oral communication and a second language.

### **Oral Communication**

Oral communication is another skill that is essential to both 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 Seminars and by offering relevant courses, such as Rhetoric and Communication Studies 100, 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 Weinstein-Jecklin 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; in reading and writing in a classical language; or in American Sign Language. These abilities are appraised either at entrance or through introductory and intermediate courses.

### **Fields of Study Overview**

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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.

### **Field of Study - Historical Studies (FSHT)**

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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.

### **Field of Study - Literary Studies (FSLT)**

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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.

### **Field of Study - Natural Science (FSNB, FSNC, FSNP)**

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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.

### **Field of Study - Social Analysis (FSSA)**

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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 using 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.

### **Field of Study - Symbolic Reasoning (FSSR)**

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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.

### **Field of Study - Visual and Performing Arts (FSVP)**

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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**

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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 such as those that pertain 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 on BannerWeb. 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:

- FYS - First-Year Seminar
- COM2 - Communication Skills - Second Language
- FSHT - Field of Study: Historical Studies
- FSLT - Field of Study: Literary Studies
- FSNB - Field of Study: Natural Science, Biological Sciences
- FSNB - 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
- FSVF - Field of Study: Visual and Performing Arts

## **Summary of General Education Requirements**

### **Summary**

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Courses used to satisfy the First-Year Seminars and the communication skills requirement of the general education requirements may not be used to meet the fields of study requirements for the degree. The First-Year Seminars must be taken in the first year of matriculation.

### **First-Year Seminars**

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A student may satisfy this requirement by passing two FYS 100 seminar courses. The same seminar topic may not be repeated more than once for credit.

### **First Year Seminar Policy for Students Transferring to Richmond**

Students who are admitted to the University of Richmond as transfer students with 6.82 or more transferable units are exempt from the First Year Seminars.

Students transferring with less than 6.82 units\*, excluding credit for advanced standing, must meet the following First-Year Seminar requirement(s)

- 1-3.13 transferable units: must take two First Year Seminars during the first two semesters of enrollment.
- 3.14-6.81 transferable units: must take one First Year Seminar during the first semester of enrollment. May take an additional First Year Seminar in the second term of enrollment, if desired.

Note: Students are only accepted as transfer students with less than 6.82 transferable units on an exception basis. These students must demonstrate exceptional qualifications.

First Year Seminars	FYS 100 (two seminars)	2 units
	Second language (COM2)	up to 4 units (a)
	Oral communication	noncredit (b)
Fields of Study	Historical studies (FSHT)	1 unit
	Literary studies (FSLT)	1 unit
	Natural science (FSNB/FSNC/FSNP)	1 unit
	Social analysis (FSSA)	1 unit
	Symbolic reasoning	1 unit
	Visual and performing arts (FSVP)	1 unit
		Total: up to 12 units

### 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 1-2 units depending on the intensity of the courses).
2. Presenting a score of 3, 4, or 5 on a modern language Advanced Placement exam taken prior to initial enrollment (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 1 unit 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 - Language taken prior to initial enrollment (carries no credit).
5. Achieving an acceptable score on a departmental placement exam (carries no credit).
6. For nonnative English speakers, submission of TOEFL scores for admission (carries no credit).

*a. May be satisfied by a demonstration of proficiency upon entrance to the University without carrying credit (Language courses carry variable credit). For non-native English speakers, students who must submit TOEFL scores for admission are exempt from the COM2 requirement. Language courses in Arabic and Russian may require additional conversation courses to reach the Intermediate level.*  
*b. Described in General Education section.*

### Wellness Requirement

In keeping with the University's objective of fostering knowledge and personal well-being, every undergraduate student will complete a four part wellness series prior to graduation. Before arriving on campus, first year and transfer students will complete Alcohol Edu, an online alcohol prevention and education program. Once on campus, students will complete a two-hour alcohol seminar (WELL 085) specific to policies of the University and the Commonwealth of Virginia. Students are also required to complete two WELL 090 health education topics courses. Classes are geared towards topics that will promote academic success and personal health.

### 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, Robins School of Business, and Jepson School of 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 website. All courses used to meet general education requirements must be passed with a grade of D- (.7) or higher.

As part of the University's on-going commitment to sexual misconduct education and prevention, all second year students will be required to complete an online bystander training program (WELL 086) focusing on sexual misconduct prevention education. The course provides students with awareness, education and skills practice to assist them with engaging in proactive behaviors to intervene in situations of sexual misconduct. Upon completion, students will be equipped with basic bystander skills that will allow them to identify multiple options for intervention and assist them with identifying obstacles that would prevent action. The course will also inform students about sexual misconduct resources on and off campus resources. The course must be complete in the first six weeks of the semester. Students who have not satisfactorily completed WELL 085 by registration for the spring semester of their second year will have an administrative hold put on their record and will not be able to register until they have made arrangements to take the class. The Plus2 component, Wellness 090, is strongly urged to be taken and satisfactorily completed before or during the third year.

## Summary of Degree Requirements

### General Education Requirements

Type of Requirement	Units
URAWARE (WELL 085)	noncredit



Plus2 (WELL 090, two topics of choice) noncredit  
Bystander Education (WELL 086) noncredit

### **Completion of a Major**

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All undergraduate degrees at the University of Richmond require satisfactory completion of one major. Multiple majors and/or minors may also 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 may also include designated courses outside the subject area. Interdisciplinary programs will include courses from a number of different subject areas. Majors require between 9 and 18.5 total units, 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.)

The School of Arts and Sciences offers the Bachelor of Arts and the Bachelor of Science degrees. The Robins School of Business offers the Bachelor of Science in Business Administration degree. The Jepson School of Leadership Studies offers the Bachelor of Arts degree. In addition to the degree requirements previously stated under Graduation, a candidate must satisfy major requirements outlined in the following sections.

Major Requirements 9 -18.5 total units

### **Curriculum and Achievement**

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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 35 units.

### **Additional Degree Requirements**

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- 17.5 unit on-campus residency requirement (transfer students should see section on Transfer Credit)
- 28 unit residency requirement, to include work taken on approved exchange and study abroad programs and visiting away and off-campus programs as well as courses taken through dual degree and cross-registration programs (this requirement is pro-rated for transfer students)
- Application for degree and attendance at Commencement
- Completion of financial and administrative obligations

## **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, and 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 units of credit can count toward any degree in a given school:

- 3.5 units - Internship courses of whatever kind, excluding student teaching, legislative internship and Theatre 330-341 Practicum
- 1.5 units - Internship 388 taken in the same academic department

## Bachelor of Arts

### Degree Requirements

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

### Requirements for the Major

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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 9 to 11 units in a single subject area, including all prerequisites within the subject area. In addition, a major will require no more than 15.5 total units, 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 9 units and no more than 15.5 total units, including all prerequisites.

A student may not count more than 17.5 units from a single subject area toward the minimum number of units necessary for graduation. In certain rare circumstances, when a student has the written support of the department chair, she or he may petition the Arts and Sciences Academic Council to exceed the limit.

Basic modern second language courses through the intermediate level, and the wellness requirements 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 Interdisciplinary Programs 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

### Degree Requirements

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To qualify for a Bachelor of Science degree, students must complete the degree requirements stated under Graduation, including general education requirements, wellness, curriculum, achievement, and residency requirements, along with completion of the requirements for at least one major. The B.S. degree at the University of Richmond requires a concentration in science and quantitative reasoning. The B.S. degree will require depth of coursework and/or research as determined by the department or program along with Math 211 (or equivalent) and a second course that focuses on advanced quantitative methods appropriate to scientific inquiry.

### Requirements for the Major

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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.

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 9 to 13 units in a single subject area, including all prerequisites within the subject area. In addition, a major will require no more than 18.5 total units, counting all courses both inside and outside the subject area, including all prerequisites for those courses, Math 211 (or equivalent) and a second course that focuses on advanced quantitative methods appropriate to scientific inquiry. The interdisciplinary studies program will require a minimum of 9 units and no more than 18.5 total units, including all prerequisites.

A student may not count more than 17.5 units from a single subject area toward the minimum number of units necessary

for graduation. In certain rare circumstances, when a student has the written support of the department chair, she or he may petition the Arts and Sciences Academic Council to exceed the limit.

## Special Program Opportunities

### Honors Program

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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, 18 or more units completed and, excluding coursework primarily for first-year students, 3.5 or more units 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.

### Cultures and Languages Across the Curriculum (CLAC)

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The Cultures and Languages 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 Cultures and Languages Across the Curriculum component, an optional quarter unit of work in a second language associated with a regular class. The CLAC component is worth one quarter unit and is graded pass/fail. To find a CLAC section, look for courses marked "CLAC credit available" or go directly to each semester's listings under Cultures and Languages Across the Curriculum. The following departments have recently offered courses with CLAC sections: English, history, leadership studies, modern literatures and cultures, music, and philosophy. More CLAC sections are being developed in other departments. For further information, contact the CLAC program coordinator.

### Dual-Degree Engineering Programs

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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 Columbia University School of Engineering and Applied Science is a participant. The University of Richmond's physics department's pre-engineering advisor can provide information about participating programs and requirements.

### Internships

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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.

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 1.5 units in the same department may be counted toward the total number of units required for a degree. Prerequisite: Permission of department concerned. .0-1.5 units. Note: No more than 3.5 units of internship of any kind may count toward the total number of units required for a degree. Student Teaching and Theatre Arts Practica are not included in this policy.

Individual departments may have varying limitations on internships. They may be only available to majors and/or minors in the department. Internships usually are limited to junior or senior students who must have the prior approval of the department concerned.

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

### Visiting Away Programs

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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 Office of the University Registrar. Upon receipt of these documents, the student will be enrolled with 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 Office of

the Registrar 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 units 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**

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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.

### **Minor Option**

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A minor is a secondary academic specialization that may be sought in addition to the required academic major. A minor consists of at least 4.5 units 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**

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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 that 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.

## **Interdisciplinary Programs**

### **Self-Designed Interdisciplinary Studies Major**

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Under the general supervision of two faculty advisors and the coordinator of interdisciplinary studies, the University offers a self-designed interdisciplinary major. 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 one unit, 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**

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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, environmental studies, film studies, geography, global studies, philosophy, politics, economics, and law, and women, gender, and sexuality studies. Environmental studies, interdisciplinary physics, and mathematical economics are the interdisciplinary major options within the Bachelor of Science degree. Further information is available from the program coordinators listed under each program.

### **Interdisciplinary Concentrations**

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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 arts management (for art history, studio art, dance, music, and theatre majors or minors); comparative literature (for English majors); medieval and Renaissance studies (for English majors); and neuroscience (for biology, biochemistry and molecular biology, or psychology majors). An interdisciplinary concentration within a disciplinary major toward a B.A. will

require no more than 21 total units, 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 22 total units, counting all courses and including all prerequisites for those courses.

## School of Arts & Sciences Departments and Programs

### American Studies

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*Laura Browder, Coordinator (American Studies)*  
*Professors Asbe, Ayers, Browder, Winiarski*  
*Associate Professors Herrera, Maurantonio, Sackley, Siebert, Yellin*  
*Assistant Professor Tilton*  
*Director of the Digital Scholarship Lab: Nelson*

American studies is an interdisciplinary program that provides opportunities for students to study American culture, society, identity, and politics by combining coursework in anthropology, art, history, journalism, literature, music, philosophy, politics, religion, and sociology into a single major. Our approach to American studies emphasizes the "local" and the "global." In the program's Richmond Seminars, students investigate the American experience through community studies and community-based learning. In its Tocqueville Seminars, students place the study of the United States in comparative and international perspective. A core group of American Studies faculty, who serve as faculty advisors to majors, specialize in American history, religion, and literature; Native American studies, African American studies, Latino/a studies; memory and museum studies; and urban studies. The program emphasizes student initiative and hands-on practice and encourages students to craft a distinctive program of study that meets the intellectual interests of each major.

The American studies major consists of nine courses, including AMST 201, a topical survey open primarily to first-year students and sophomores, and AMST 301, a junior/senior seminar that explores theories and methods in the field. In addition, students must complete at least one Richmond Seminar (AMST 381) and one Tocqueville Seminar (AMST 391).

Majors work closely with the program coordinator to determine a specialized course of study for the remaining five electives. These courses must be drawn from at least two allied departments; two must be taken at the 300 level or higher. Students may count one approved First-Year Seminar toward their American studies electives. Introductory courses for other majors are ineligible. Students must complete all prerequisites for electives taken in allied departments in addition to the requirements for their American studies major. For a list of past, current, and upcoming AMST courses and electives, see the "Courses" link on the American Studies website.

The discipline of American studies increasingly emphasizes explorations of U.S. culture and society in relation to international politics, the global economy, and population migrations. For this reason, students who study abroad are strongly encouraged to pursue coursework related to their American studies majors.

In addition to completing the standard requirements for the major, qualified students may elect to write an honors thesis (AMST 401) during the spring semester of their senior year. Theses are written under the supervision of a sponsoring faculty member and require the prior approval of a formal prospectus submitted to the American studies advisory board before November 15.

Students interested in learning more about the American studies major are encouraged to contact the program coordinator for more information.

### The 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).

Nine units, including:

AMST 201 Introduction to American Studies

AMST 301 Seminar in American Studies

AMST 381 Richmond Seminars

AMST 391 Tocqueville Seminars

Five electives in allied departments, chosen in consultation with the faculty advisor, including two at the 300 level or higher

Students are expected to fulfill all prerequisites necessary for electives in allied departments. Prerequisites do not count toward the major unless otherwise noted.

### The American Studies Minor

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

Five units, including:



AMST 201 Introduction to American Studies

AMST 381 Richmond Seminars

AMST 391 Tocqueville Seminars

Two elective courses from the approved list, drawn from two allied departments

### Courses for American Studies Credit

See the departmental listings for descriptions of the following courses offered for AMST credit. Ordinarily, the electives should be drawn from at least two affiliated departments and two must be taken at the 300-level or higher. Students may count one approved First-Year Seminar or one approved History 199 toward their American Studies major. A supplemental listing of courses is published each semester on the American Studies website.

ANTH 211 Field Methods in Ethnography  
 ANTH 307 Indigenous Peoples of the Americas  
 ANTH 308 Latin America: An Ethnographic Perspective  
 ANTH 328 Anthropology of Human Rights  
 ANTH 329 Anthropology of Race  
 ARTH 213 American Art 1700-1900  
 ARTH 218 Modern Art, 1900-1960  
 ARTH 223 Studies in the History of Photography  
 ARTH 322 Museum Studies  
 EDUC 220 Education in America  
 EDUC 339 Education of Minority Groups in America  
 ENGL 206 Selected Readings in American Literature  
 ENGL 208 Twentieth Century American Fiction  
 ENGL 216 Literature, Technology, and Society  
 ENGL 229 The Black Vernacular  
 ENGL 231 African-American Literature  
 ENGL 232 Southern Fiction  
 ENGL 233 Contemporary Native American Literature  
 ENGL 240 Literature after 9/11  
 ENGL 321 Early American Literature  
 ENGL 325 Age of the American Renaissance  
 ENGL 326 From Revolution to Romanticism: American Literature through 1860  
 ENGL 334 American Indian Literatures  
 ENGL 335 Black Women Writers  
 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 Twentieth-Century American Fiction  
 ENGL 358 African-American Women Writers  
 ENGL 359 Contemporary American Literature  
 ENGL 361 Literature and Film  
 ENGL 362 Post-Soul Literature and Culture  
 ENGL 367 Indigenous Film in North America  
 ENGL 368 History and Aesthetics of Film  
 ENGL 369 American Culture/American Film  
 GEOG 215/ENVR 215 Geography of the James River Watershed  
 HIST 199 Elements of Historical Thinking: Lincoln  
 HIST 199 Elements of Historical Thinking: Mexico/US Borderlands  
 HIST 199 Elements of Historical Thinking: Scottsboro Trials

HIST 199 Elements of Historical Thinking: Slavery in Virginia  
 HIST 200 Colonial America  
 HIST 201 The American Revolution  
 HIST 202 The Early American Republic  
 HIST 204 The Civil War and Reconstruction  
 HIST 211 The US South in the Twentieth Century  
 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  
 HIST 218 State and Society in Modern America  
 HIST 219 Work in Twentieth-Century America  
 HIST 220 Reagan's America  
 HIST 260 Colonial Latin America  
 HIST 261 Modern Latin America  
 HIST 300 Claiming the American Revolution  
 HIST 301 The Civil War in Film and Literature  
 HIST 306 American Identities  
 HIST 391 Transnational Social Reform  
 HIST 395 The Historian's Workshop  
 JOUR 200 News Media and Society  
 JOUR 302 Public Affairs Reporting  
 JOUR 307 Documentary Journalism  
 JOUR 311 Press and Politics  
 LAIS 301 Spanish in the Community  
 LAIS 331 Intro to Latin American Literature I  
 LAIS 332 Intro to Latin American Literature II  
 LAIS 452 Spanish-American Poetic Texts  
 LAIS 472 Latin American Theater  
 LAIS 483 The Art of Embodiment: Space and Body in Colonial Spanish America  
 LAIS 486 US Latino/a Literature  
 LAIS 487 Latin America: Encounter and Conflict  
 LDST 317 Reimagining Richmond: History, Power and Politics in the Capital of the Confederacy  
 LDST 345 Civil War Leadership  
 LDST 352 Presidential Leadership  
 LDST 378 Statesmanship  
 LDST 384 Education and Equity  
 MUS 221 Music in Film  
 MUS 235 I Want My MTV: Music Video and the Transformation of the Music Industry  
 PLSC 310 Statesmanship  
 PLSC 315 American Political Theory  
 PLSC 323 Money, Politics, and Prisons  
 PLSC 325 Racial Politics  
 PLSC 326 United States Congress  
 PLSC 327 The American Presidency  
 PLSC 328 American Political Parties  
 PLSC 329 Campaigns and Elections  
 PLSC 330 Creation of the American Republic  
 PLSC 331 Constitutional Law  
 PLSC 333 Civil Rights/Liberties  
 PLSC 337 The American Legal System  
 PLSC 339 Jurisprudence in Contemporary American Politics  
 PLSC 349 Politics/Latin America and Caribbean  
 PLSC 350 American Foreign Policy  
 PLSC 361 The Politics of Social Welfare  
 PLSC 364 Child Health and Policy  
 PLSC 365 US Healthcare Policy and Politics  
 PLSC 366 Poverty and Political Voice  
 RELG 255 Queers in Religion  
 RELG 257 Native American Religions



RELG 259 Orientalism, Racism, and Religion  
 RELG 262 Sacred Arts of Native America  
 RELG 273 Witchcraft and its Interpreters  
 RELG 359 American Judaism  
 RELG 374 Religion and the American Environment  
 RELG 375 Cults, Communes, and Utopias in Early America  
 RHCS 347 Advertising and Consumer Culture  
 RHCS 349 Memory and Memorializing in the City of Richmond  
 RHCS 355 Rhetoric, Media, and US Feminism 1830s-1980  
 RHCS 359 Media and War  
 RHCS 361 Rhetoric, Media, and the 1960s  
 SOC 207 Crime and Justice in a Postmodern Society  
 SOC 216 Social Inequalities  
 SOC 218 Sociology of the Black Experience  
 SOC 231 Across the Pond: Europe vs. USA  
 SOC 255 Sport in Society  
 SOC 311 Juvenile Delinquency  
 SOC 316 Race and Ethnicity in America  
 SOC 319 Sociology of Gender and Sexuality  
 SOC 320 Race, Class, and Schooling  
 THTR 229 Going Solo: The Politics of Identity in Contemporary Solo Performance  
 THTR 239 Latinx On Stage: From the Barrios to Broadway  
 THTR 313 Theatre for Social Change I  
 THTR 314 Theatre for Social Change II  
 WGSS 280 Gender and Work

### Courses

AMST 201 Introduction to American Studies  
 Units: 1  
 Fulfills General Education Requirement FSHT  
 Description  
 Surveys multidisciplinary approaches to American studies with specific emphasis on methodologies, sources, themes, and major ideas.

AMST 298 Selected Topics  
 Units: 1  
 Description  
 Varying interdisciplinary topics or methodologies related to American studies. Area of study will vary according to instructor and course topic.

AMST 301 Seminar in American Studies  
 Units: 1  
 Description  
 Advanced seminar that examines the historical, methodological, and theoretical development of American studies as an academic discipline. Offered in alternate years.  
 Prerequisites  
 American Studies 201 and junior or senior status.

AMST 381 Community Problem Solving Seminar  
 Units: 1  
 Description  
 Combines community investigation with reading and discussion about community problems from multidisciplinary perspectives.

AMST 388 Individual Internship  
 Units: .25-1  
 Description

Application of academic skills and theories in a selected work environment, plus related academic work supervised by a member of the faculty. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites  
 Departmental approval.

AMST 391 Tocqueville Seminar: Special Topics  
 Units: 1  
 Description  
 Multidisciplinary seminar that encourages students to examine the United States from international perspectives. Uses theory and a variety of forms of texts--music, film, literature, popular culture, and more--to deepen student understanding of the U.S. as they see the country from different points of view.

AMST 398 Selected Topics  
 Units: 1  
 Description  
 Varying interdisciplinary topics related to American studies. Area of study will vary according to instructor and course topic.

AMST 399 Independent Study  
 Units: .5-1  
 Description  
 Individually designed reading or research program conducted under faculty supervision.  
 Prerequisites  
 American Studies 201 and permission of program coordinator and faculty supervisor.

AMST 401 Thesis  
 Units: 1  
 Description  
 Thesis project designed, researched, and written by students under faculty supervision. Offered spring semester only.  
 Prerequisites  
 American Studies 201, senior status, 3.5 grade point average within the major, and a prospectus with bibliography approved by the American studies advisory council.

AMST 406 Summer Undergraduate Research  
 Units: 0  
 Description  
 Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.  
 Prerequisites  
 Approval for summer Arts and Sciences fellowship by faculty mentor

### Anthropology

Department of Sociology and Anthropology

*Miguel Diaz-Barriga, Chair*

*Professor Diaz-Barriga*  
*Associate Professors Dorsey, French, Grollman, Hass, Nourse,*  
*Richards, Sweis*  
*Assistant Professor Husain*  
*Professionals from the field also are employed as adjunct faculty*

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 ascertain their similarities as well as their differences. Some courses in cultural anthropology study particular regions of the world and the way in which those peoples construct their realities and find meaning in their lives. Other courses in cultural anthropology select various dimensions of human life - family, gender, 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).

10 units, including:

ANTH 101 Introduction to Cultural Anthropology  
ANTH 211 Field Methods in Ethnography  
ANTH 290 Cultural Theory  
ANTH 400 Capstone Seminar  
Six additional units in anthropology or from the list below  
CLSC 220 Introduction to Archaeology  
LING 203 Introductory Linguistics  
MUS 229 Anthropology of Music

Approved experience of at least six weeks duration in a cultural environment different from the student's own

Notes:

- Upper-level courses are taught on a rotating basis.
- Students must achieve a grade of C or better in both ANTH 211 and ANTH 290 in order to take the Capstone Seminar and to receive credit toward the major for courses taken that are not on the list below.
- For the anthropology major, no more than three courses (one course for the anthropology minor) may be taken at other institutions, including study abroad institutions, with departmental approval.

### 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).

Five units, including:

ANTH 101 Introduction to Cultural Anthropology

ANTH 211 Field Methods in Ethnography or ANTH 290 Cultural Theory  
Three additional units in anthropology or from the list below (no more than one course may be taken at other institutions, including study abroad institutions).

CLSC 220 Introduction to Archaeology  
LING 203 Introductory Linguistics  
MUS 229 Anthropology of Music

### The Anthropology Honors Program

The goal of the Anthropology honors program is to give those students with superior interests and talents in the field to explore both anthropology and personal intellectual interests and themes beyond the limits of typical courses offered. This will prepare these advanced students for possible graduate work or more advanced career prospects. Successful completion of the Honors Program is shown on the student's permanent academic record and on the diploma

### Eligibility and Admission

To goal of the Anthropology honors program is to give those students with superior interests and talents in the field to explore both anthropology and personal intellectual interests and themes beyond the limits of typical courses offered. This will prepare these advanced students for possible graduate work or more advanced career prospects. Successful completion of the Honors Program is shown on the student's permanent academic record and on the diploma

### Eligibility and Admission

To qualify for the honors program in Anthropology, a student should have:

1. 18.5 or more units completed overall
2. At least a 3.30 cumulative grade point average for all courses
3. Excluding coursework primarily for first-year students, 4 or more units completed with distinction in the major field and a 3.5 cumulative grade point average for Anthropology courses.

To enter the honors program, the student must submit a letter of intent, with nominating support from one faculty member, by March 15 of his or her junior year.

A student who does not meet these qualifications may be admitted to the Program with the special recommendation of all members of the anthropology program.

Students may request consideration by the department, or the department may invite a student to apply apply.

### Program of Study

To receive credit for the Honors Program, the student must:

- Fulfill the normal BA requirements for Anthropology, with required methods and theory courses (Anthropology 211 and 290) completed by the end of the junior year to facilitate work on the senior thesis (see below). The program of study for Honors is 12 units (10 units for the BA plus 2 units

-- one for Honors Independent Study and one for the Honors Thesis).

- Complete a senior thesis that addresses an original question or issue and that produces some original research (so as not to be a pure literature review of existing work). The thesis should be data-driven, ethnographic in nature, and demonstrate a grasp of existing literature and theory related to the issue at hand. In preparation for undertaking the senior thesis, the student must agree with a faculty member, whose interests and expertise have the best possible fit with the student's intended thesis topic, to be his or her advisor for the thesis. The student and advisor should devise a basic plan for the project by the end of the spring semester of the junior year. The student and his/her advisor should develop a schedule for meetings and assessment they find most appropriate.
- For credit for the thesis, the student will take two one-unit Honors courses in the senior year, both involving work on the senior thesis: Honors Independent Study (Fall) and Honors Thesis (Spring). This will involve at a minimum meeting once a week with the thesis supervisor to discuss and monitor progress in data collection, analysis, and write-up. The former will involve monitoring and assessing progress in data collection and analysis through regular reports -- the timetable depending on the particular project, in agreement with the student and advisor. Assessment for the latter will be the thesis product itself. The thesis will be due in time for a final grade to be submitted to the registrar -- preferably the Friday before the School of Arts & Sciences Student Symposium. The grade for the Honors Thesis course is that for the senior thesis. The department encourages students who are prepared sufficiently early to apply for a summer grant to facilitate research.
- The senior thesis will be assessed and graded by the student's thesis advisor and one other member of the anthropology program. If one person fulfills both these roles, an outside person whose expertise is sufficiently close to the thesis topic will be asked to aid with assessment. In case of disagreement, another member of the department will be asked for his/her opinion on the appropriate grade to resolve the disagreement.
- The student must take two standard one-unit upper-level courses for Honors credit that include additional extra work agreed upon by the student, the course instructor, and the student's thesis advisor. One of those must be related to the intended senior thesis topic. This one course may be in any department, but in any case it should meet with the approval of the student's thesis advisor.

The student may withdraw at any time. Should he/she not complete required additional work or maintain an overall 3.3 grade point average and a 3.5 grade point average for Anthropology coursework, the student will not receive credit for the Honors Program.

The Anthropology faculty will encourage students in their junior year who appear qualified to consider the Honors Program seriously as soon as possible, to facilitate preparation for the senior thesis, and any required summer work/research

### Courses

ANTH ANTH 101 Introduction to Cultural Anthropology  
Units: 1

Fulfills General Education Requirement (FSSA)

#### Description

Examines how people make cultural meaning out of their lives and explores the way in which anthropologists come to understand other people's construction of culture. Cross-cultural perspective on family, kinship, language, religion, gender and sexuality, and other aspects of social life.

ANTH 211 Field Methods in Ethnography

Units: 1

#### Description

Introduces the methodologies used in cultural anthropology, as well as theories behind these methodologies. Issues of objectivity, ethical research and presentation, the political nature of the production of knowledge, positioning the researcher, and the uses to which training in ethnographic methods might be put.

Prerequisites

ANTH 101.

ANTH 279 Selected Topics in Anthropology

Units: 1

#### Description

Various topics in the field of anthropology. May be repeated for credit if topics are different.

Prerequisites

ANTH 101.

ANTH 290 Cultural Theory

Units: 1

#### Description

History of cultural and social anthropological thought, major theoretical perspectives and contemporary issues as to how humans construct their social worlds.

Prerequisites

ANTH 101.

ANTH 300 Sexuality and Gender Across Cultures

Units: 1

#### Description

Theoretical and ethnographic examination of masculinity and femininity within various worldwide cultures.

Prerequisites

ANTH 101.

ANTH 302 Medicine and Health from a  
Global/Anthropological Perspective

Units: 1

#### Description

Examines, through an anthropological lens, ways in which non-western and western cultures conceptualize human bodies, medical practice and the process of healing. Considers ways in which ethnomedical (shamanistic, Ayurvedic, acupunctural, and herbal) practices coincide and/or clash

with biomedical practices in the US and globally. Reflects on international policies, pharmaceutical corporations and indigenous movements to nationalize ethnomedicine and reject biomedicine.

Prerequisites

ANTH 101, SOC 101, or GS 290

ANTH 303 Biopolitics in Medical Anthropology

Units: 1

Description

Advanced anthropology course examining the intersections of culture, politics and medicine from a variety of theoretical and scholarly approaches. With a strong emphasis on contemporary states and governments, the readings focus on how biology and politics--or biopolitics--converge in a myriad of ways to shape human experience, past and present. Study of the biopolitics in countries such as Cuba, Egypt, Haiti, South Africa, France, the United States, and more. Topics include: the history and culture of modern western biomedicine; religious perspectives of the body; organ donation and transplantation; sex, gender and reproductive technologies; racialized bodies in medical science; global poverty and infectious disease; ethics and medical humanitarianism; and how big pharmaceutical companies shape our ideas of health and personhood.

Prerequisites

ANTH 101

ANTH 306 Tourism and Anthropology

Units: 1

Description

Explores tourism as a complex social setting in which encounters and exchanges of all kinds occur, and which creates formative meaning through its participants. Students will be encouraged to discuss their own experiences of travel and tourism, including study abroad, pilgrimages, SSIR, and mission trips.

Prerequisites

ANTH 101.

ANTH 307 Indigenous Peoples of the Americas

Units: 1

Description

Historical development, culture, relations with governments and international organizations, and current issues of indigenous peoples throughout the Americas, including the U.S.

Prerequisites

ANTH 101.

ANTH 308 Latin America: An Ethnographic Perspective

Units: 1

Description

Anthropological overview of Latin American cultures and subcultures. Considers indigenous and African-descendants' rights, local and national politics, gender relations, perspectives on race and color, religion, urban/rural distinctions, migration, colonial dynamics, and post-colonial legacies.

Prerequisites

ANTH 101.

ANTH 328 Anthropology of Human Rights

Units: 1

Description

Examines the origins of human rights discourse and practice in the 20th century and the elaboration and dissemination of human rights concepts in the post-World War II period, including analysis of institutional grounding in United Nations and non-governmental organizations. Considers human rights from a cross-cultural, anthropological perspective.

Prerequisites

ANTH 101, GS 290, PLSC 240, PLSC 250, PLSC 260, SOC 101, or LDST 101.

ANTH 329 Anthropology of Race

Units: 1

Description

Examines, through an anthropological lens, cultural constructions of race, by comparing racial constructs and designations in the United States with those in other societies, and by considering theories of race intersect with public policy, the popular imagination, and individual experiences.

Prerequisites

ANTH 101, SOC 101, or GS 290

ANTH 335 Law and Order: The Anthropology of Justice

Units: 1

Description

Focuses on law, order, and justice as cultural phenomena and takes comparative approach to jurisprudence, dispute resolution, law-making processes, and the relation of law to justice, politics, culture, and values.

Prerequisites

ANTH 101, SOC 101, GS 290, or LDST 102

ANTH 350 Sex and Gender in the Middle East

Units: 1

Description

Beginning with a brief historical, religious, and geographical overview, the course will draw attention to the "Orientalist gaze" of Western perception that tends (incorrectly) to regard veiled Middle Eastern women as victims of patriarchal or religious oppression. Subsequently reviews detailed analyses of ways in which contemporary men and women the Middle East behave in everyday contexts.

Prerequisites

ANTH 101 or one of the following: SOC 101, GS 290, WGSS 200.

ANTH 379 Selected Topics in Anthropology

Units: 1

Description

Various topics in the field of anthropology. May be repeated for credit if topics are different.

Prerequisites

ANTH 101.

ANTH 388 Individual Internship

Units: .5

Description

Supervised independent field work. Requires permission of a supervising faculty member and approval by the department chair. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

ANTH 101 and permission of instructor.

ANTH 400 Capstone Seminar

Units: .5

Description

Preparation of senior thesis to complete anthropology major.

ANTH 401 Honors Independent Study

Units: 1

Description

Preparation course for honors thesis. This course is taken in fall of senior year. Students work to write Institutional Review Board proposal, conduct research, and compile an extensive annotated bibliography in preparation for the spring semester in which the thesis is written.

Prerequisites

ANTH 211 and 290 with a minimum GPA of 3.3 overall and 3.5 in Anthropology. Also must submit proposal in spring of junior year.

ANTH 402 Honors Thesis

Units: 1

Description

Taken in the spring of the senior year and it is the second course in the honors program. The majority of the semester will be spent writing drafts for the final thesis. A schedule is drawn up for submission of chapters. The mentor aids the student in finding a theoretical angle coupled with ethnographic evidence to support it that will allow the student to express their ideas eloquently and powerfully. If there are symposia and conferences during the spring semester, the mentor assists student in preparation. Students will be encouraged to submit their finished thesis, or an abbreviated form of it, to a journal for publication.

ANTH 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

ANTH 426 Directed Independent Study

Units: .5-1

Description

Intensive study of a specific topic within anthropology under the direction of a member of the faculty. Requires approval by the department chair.

Prerequisites

ANTH 211 and ANTH 290 with a grade of C or better.

ANTH 427 Directed Independent Study

Units: .5-1

Description

Intensive study of a specific topic within anthropology under the direction of a member of the faculty. Requires approval by the department chair.

Prerequisites

ANTH 211 and ANTH 290 with a grade of C or better.

ANTH 489 Research Practicum

Units: .5-1

Description

Work closely with professor on research project, including design, data collection, data analysis, and dissemination of results. Requires permission of a supervising faculty member and approval by the department chair.

Prerequisites

ANTH 211 and ANTH 290 with a grade of C or better.

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## Arabic Studies

*Associate Professor Hamarneh*

*Director of Arabic Language Program Sulzer-Reichel*

This section contains information specific to courses taught in Arabic. Other courses relevant to the Arabic Studies major/minor are listed under Languages, Literatures, and Cultures (LLC). For full information regarding departmental policies relevant to all LLC programs, study abroad, and course sequencing, see the main page of the Department of Languages, Literatures, and Cultures..

### The Arabic Studies Major

Nine courses, including:

ARAB 301 Advanced Arabic I

ARAB 302 Advanced Arabic II

Four courses chosen from the following at least one of which must be a 400-level course:

ARAB 303/ARAB 304 (The two half credit courses count as one) Advanced Arabic Conversation

ARAB 401 Arabic in Media

ARAB 402 Introduction to Arabic in Literature

LLC 346 Insiders and Outsiders: Arabic Encounters with the West

LLC 347 Islam, Nationalism, and the West -- Modern Thought in the Arab World

Three courses, chosen in addition from those above or the following:

ANTH 350 Sex and Gender in the Middle East

ARAB 315 Grammar Through Texts

ARAB 397 Selected Topics

CLSC 321 Archaeology of the Middle East

HIST 199 Harem and Veils



HIST 271 The Modern Middle East  
 HIST 272 The Ottoman Empire  
 HIST 370 Contending Visions of the Middle East  
 LAWE 685 International Law Practicum  
 PLSC 355 International Relations of the Middle East  
 RELG 244 Sex and Family in the Greek and Roman Worlds  
 RELG 250 Introduction to World Religions  
 RELG 263 Religion and the Arts  
 RELG 265 Religion and Moral Decisions  
 RELG 268 Religion and Literature  
 RELG 281 Introduction to Islam  
 RELG 287 Ninety-nine Names of God  
 RELG 288 Saints and Sinners in Muslim Literature  
 RELG 385 Sufism: Introduction to Islamic Mysticism

Or any other relevant course with the approval of the Arabic Studies faculty.

Students MUST complete an approved study abroad experience as part of the Arabic Studies major. The study abroad experience can be fulfilled through a semester or a summer study abroad program associated with the University of Richmond, or other summer or semester programs in universities or institutions in the Arab World approved by the Arabic Studies faculty.

Students MUST take one 400-level course in Arabic at the University of Richmond after they return from abroad.

Students can transfer up to three courses to fulfill their Arabic Studies major requirements.

It is advisable that students sign up for a C-LAC section with the courses that are not taught in Arabic.

**The Arabic Studies Minor**

Five units, including:

ARAB 301 Advanced Arabic  
 ARAB 302 Advanced Arabic II  
 ARAB 397 Selected Topics  
 ARAB 495 Independent Study in Arabic Studies

One unit, chosen from:

ANTH 350 Sex and Gender in the Middle East

ARAB 401 Arabic in the Media  
 ARAB 402 Introduction to Arabic in Literature  
 HIST 199 Harems and Veils  
 HIST 271 The Modern Middle East  
 HIST 272 The Ottoman Empire  
 HIST 370 Contending Visions of the Middle East  
 LAWE 685 Muslim Family Law (when cross-listed with Arabic)  
 LLC 346 Insiders and Outsiders: Arabic Encounters with the West  
 LLC 347 Islam, Nationalism, and the West - Modern Thought in the Arab World  
 PLSC 355 International Relations of the Middle East  
 RELG 244 Sex and Family in the Greek and Roman Worlds  
 RELG 250 Introduction to World Religions  
 RELG 263 Religion and the Arts  
 RELG 265 Religion and Moral Decisions  
 RELG 268 Religion and Literature  
 RELG 281 Introduction to Islam  
 RELG 287 Ninety-nine Names of God  
 RELG 288 Saints and Sinners in Muslim Literature  
 RELG 385 Sufism: Introduction to Islamic Mysticism

**Study Abroad**

For students of Arabic, the department offers a summer study program in Jordan. One or two Semester Study Abroad programs are available in Jordan, Morocco, Egypt and other Arabic speaking countries (contingent upon the security situation in the individual countries). For a complete list, contact the Office of International Education.

**Courses**

ARAB ARAB 101 Elementary Arabic with Drill  
 Units: 1  
 Description  
 Introduction to Modern Standard Arabic language and culture; development of skills in listening, speaking, reading and writing.  
 ARAB 102 Elementary Arabic with Drill

Units: 1

Description

Introduction to Modern Standard Arabic language and culture; development of skills in listening, speaking, reading and writing.

ARAB 201 Intermediate Arabic

Units: 1

Description

Continuation of Arabic 101-102 with deepening of Arabic grammar, further development of reading, writing, and speaking skills in Modern Standard Arabic.

ARAB 202 Intermediate Arabic

Units: 1

Fulfills General Education Requirement (COM2)

Description

Deepening of Arabic grammar, further development of reading, writing, and speaking skills in Modern Standard Arabic.

ARAB 203 Intermediate Arabic Conversation

Units: .5

Description

Intensive training to develop practical communicative skills and accelerate oral proficiency.

ARAB 204 Intermediate Arabic Conversation

Units: .5

Description

Intensive training to develop practical communicative skills and accelerate oral proficiency.

ARAB 211 Accelerated Beginning Arabic II

Units: 1

Description

Intensive instruction in Modern Standard Arabic at the advanced elementary level completed on study abroad program.

Prerequisites

One year of college Arabic or permission of instructor

ARAB 212 Accelerated Beginning Arabic II

Units: 1

Description

Intensive instruction in Modern Standard Arabic at the advanced elementary level completed on study abroad program.

Prerequisites

One year of college Arabic or permission of instructor

ARAB 301 Advanced Arabic

Units: 1

Description

Deepens and refines students' knowledge of the grammatical structures of the Arabic language with a focus on comprehension and discussion of texts taken mainly from Arabic news media. Part of the course will be devoted to building the students' familiarity with regional dialects (Egyptian or Levantine Arabic) and strengthening oral proficiency skills.

ARAB 302 Advanced Arabic II

Units: 1

Description

Continues to build students' knowledge of Arabic language and culture. Course materials include readings from contemporary short stories, excerpts from novels, and poetry. As an initial introduction to Arabic literature, the course emphasizes writing and speaking in Modern Standard Arabic, thus modeling the language spoken at international conferences. In an additional session per week, students will practice their debating skills in Arabic in the form of a mini colloquium.

ARAB 303 Advanced Arabic Conversation

Units: .5

Description

Intensive training to develop practical communicative skills and accelerate oral proficiency.

ARAB 304 Advanced Arabic Conversation

Units: .5

Description

Intensive training to develop practical communicative skills and accelerate oral proficiency.

ARAB 315 Grammar Through Texts

Units: 1

Description

Provides a critical look at the contemporary Arab World and the different aspects of modern Arab culture using authentic Arabic language materials in Modern Standard Arabic.

Readings vary by semester. Course material designed to move students from mid to high intermediate. Primary focus is the better understanding of complex sentence structures and the rapid expansion of functional vocabulary.

Prerequisites

ARAB 302

ARAB 389 Practice Assistantship

Units: 1

Description

Students lead practice sessions associated with the elementary and intermediate language sequence in Arabic. The practice assistantship does not count as credit toward the major or minor. Up to one unit can be applied toward graduation credit.

ARAB 397 Selected Topics

Units: 1

Description

Selected topics related to Arabic language, literature, and culture, to be offered at the discretion of the department.

ARAB 401 Arabic in the Media

Units: 1

Description

Reviews the basic structures, grammar, and the first 1000 most frequent words of Modern Standard Arabic (MSA) learned in earlier courses. Introduces the next 750 high-frequency words in a variety of contexts with strong cultural content. Drills in the more advanced grammatical structures of MSA. Develops reading skills assisting with comprehending a variety of MSA authentic media texts of various genres and performing reading tasks ranging from Intermediate to Intermediate High on the ACTFL scale.

ARAB 402 Introduction to Arabic in Literature

Units: 1

Description

Conducts a quick review of the basic structures, grammar, and the first 1750 most frequent words of Modern Standard Arabic (MSA) learned in earlier courses. Introduces the next 750 high frequency words in a variety of contexts with strong cultural content. Drills in the more advanced grammatical structures of MSA. Develops reading skills that will assist in comprehending a variety of MSA authentic literary texts of various genres and performing reading tasks ranging from Intermediate Mid to Advanced Low on the ACTFL scale.

ARAB 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

ARAB 495 Independent Study in Arabic Studies

Units: 0.5-1

Description

Special projects individually pursued under supervision of faculty member.

## Archaeology

*Elizabeth Baughan, Coordinator (Classical Studies)*

Archaeology is the study of the human past through its material remains. The minor in Archaeology draws upon courses in Anthropology, Art History, Biology, Classical Studies, and Geography that focus on archaeological evidence, material culture, methods of archaeological inquiry and analysis, and/or the study of human behavior. This minor gives students who are already focusing on archaeology through such courses (and, in some cases, summer fieldwork) the opportunity to declare their interest more officially and the incentive to specialize more closely. The curriculum is designed to prepare students for careers or postgraduate study not only in archaeology, but also in fields such as ancient art history, GIS (geographic information systems), conservation, architectural history, museum studies, and cultural property law.

### The Archaeology 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)

Six units, including:

Two courses, chosen from:

CLSC 220 Introduction to Archaeology

CLSC 301 Greek Art and Archaeology

CLSC 302 Roman Art and Archaeology

CLSC 321 Archaeology of the Middle East

Four additional courses, chosen from:

ANTH 101 Introduction to Cultural Anthropology

ANTH 279 Selected Topics in Anthropology (may be counted depending on the topic)

ANTH 290 Cultural Theory

ANTH 379 Selected Topics in Anthropology (may be counted depending on the topic)

ARTH 121 Survey I: Prehistory through the Middle Ages

ARTH 211 Byzantine Art and Architecture

ARTH 309 Image and Icon in Medieval Art

ARTH 310 Late Antique and Early Christian Art

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

ARTH 322 Seminar in Museum Studies

BIOL 199 Mesoamerican Ethnobotany

CLSC 212 Dining and Drinking in Classical Antiquity

CLSC 220 Introduction to Archaeology

CLSC 252 Introduction to Indo-European Linguistics

CLSC 301 Greek Art and Archaeology

CLSC 302 Roman Art and Archaeology

CLSC 320 Cultural Property: Archaeology, Ethics, and Law

CLSC 321 Archaeology of the Middle East

CLSC 398 Special Topics, depending on the subject and approval of the minor program coordinator

GEOG 260 Introduction to Geographic Information Systems

GEOG 365 Advanced Spatial Analysis

Up to three units of archaeological field school transfer credit and/or study-abroad archaeology courses, with approval of the minor program coordinator, may apply to the archaeology minor. Up to two units of archaeologically-focused independent study (CLSC 498), with approval of the minor program coordinator may apply to the archaeology minor. Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted.

## Art History

Department of Art and Art History

*Tanja Softić, Chair*

*Professors Sjøvold, Softić'*

*Associate Professors Calvillo, Drummond*

*Assistant Professor Nelson, Smith, Szymanska*

*University Museums Executive Director Waller and Deputy Director*

*Schlatter*

*Visual Resources Librarian Keefer*

*Affiliated Faculty Mia Reinoso Genoni, Molly Fair, and Elizabeth*

*Baughn (Classics)*

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

Department of Art and Art History offers programs in the studio arts, Western and non-Western art history, and museum studies. 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.

### The Art History Major

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

10 units, including

ARTH 121 Survey I: Prehistory through the Middle Ages

ARTH 122 Survey II: Renaissance to the Present

Four 200 or 300-level electives in Art History from each of the following areas. One of the electives must be ARTH 319 Advanced Seminar:

Late Antique and Medieval Art

Renaissance and Baroque Art (1300-1700)

The History of Art after 1700

Non-western Art History

(Note: ARTH 322 Museum Studies, and ARTH 345 Philanthropy in the Arts, do not meet one of these electives)

One studio art course

ARTH 365 Art Theories and Methodologies

ARTH 465 Thesis: Research Seminar

ARTH 466 Thesis: Research Project

Students propose their thesis topics in the spring of their junior year, completing their thesis research and preliminary research writings in ARTH 465 and the final text of their thesis and associated oral presentation in ARTH 466.

Majors should take ARTH 121-ARTH 122 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 to supplement the major:

ARTH 388 Individual Internship

CLSC 220 Introduction to Archaeology

CLSC 301 Greek Art and Archeology

CLSC 302 Roman Art and Archeology

CLSC 321 Archaeology of the Middle East

PHIL 281 Philosophy of Art

RELG 251 Sacred Arts of India

REGL 262 Sacred Arts of Native America

Note: These courses cannot be substituted for major requirements, which must be fulfilled through art history department offerings. No more than two courses taken abroad will count for the major.

### The Art History Minor

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

Six units, including

ARTH 121 Survey I: Prehistory through the Middle Ages

ARTH 122 Survey II: Renaissance to the Present

One studio art course

Three art history electives at the 200 or 300-level from the following areas:

Non-Western Art

Late Antique and Medieval Art

Renaissance and Baroque Art (1300-1700)

History of Art after 1700

Two of the three courses must be in two different areas. (Note: Neither ARTH 322 Museum Studies, nor ARTH 345 Philanthropy in the Arts, meets these electives requirements.)

No more than one course taken abroad will count for the minor.

## Related Fields

Interdisciplinary concentration in arts management for visual and media arts practice, art history, music, theatre, and dance majors or minors.

## Courses

ARTH 121 Survey I: Prehistory through the Middle Ages

Units: 1

Fulfills General Education Requirement (FSHT)

Description

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. 121 and 122 may be taken independently and in any sequence.

ARTH 122 Survey II: Renaissance to the Present

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Survey of Western art from the Renaissance in the 15th century to the late 20th century. Introduces basic historical and formal methodologies for general student and art major.

ARTH 211 Byzantine Art and Architecture

Units: 1

Description

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.

ARTH 213 American Art, 1700-1900

Units: 1

Description

Examines the production of art and architecture from the eighteenth through the nineteenth centuries. Considers city plans, buildings, paintings, sculpture and other objects as works created under specific historical, social and cultural conditions.

ARTH 217 Nineteenth-Century Art in Europe

Units: 1

Description

Overview of the major artistic developments of the period, yet allows for closer study of particular issues. For example, how does a work of art become politically charged? How does a landscape painting become a religious painting? Why are the most famous artists male?

ARTH 218 Modern Art, 1900-1960

Units: 1

Description

Studies the major movements and developments of modern art in Europe and America. Examines the theoretical bases of modern art, such as the concept of the avant-garde, and considers the public's relationship to modern art.

ARTH 223 Studies in the History of Photography

Units: 1

Description

Combines a chronological survey of the developments in photography since its invention in 1839 with an examination of issues dealing with how photography has informed modern attitudes and perspectives. It carefully considers certain claims made on behalf of photography, such as its objectivity, truthfulness, and ability to be an agent of social change.

ARTH 225 Art and Asia

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Art, architecture, and material cultures of South, Southeast, and East Asia--premodern and modern. Provides an overview of the vast artifactual record of this segment of the world and engenders a series of fundamental art-historical skills such as description, compare-and-contrast, critical viewing, slow looking, and close reading. Calls into question the Eurocentrism of "art" and its histories. No prior coursework or experience is necessary.

ARTH 226 Art and Culture of Japan

Units: 1

Fulfills General Education Requirement (FSVP)

Description

A chronological introduction to the art and culture of Japan beginning with the prehistoric period, moving through the introduction to Buddhism and varieties of Buddhist art, the influence of China and Korea, the art of the court, the art of samurai, the art of townsmen (such as Japanese prints), and finally a look at contemporary trends in Japanese culture. Social and historical elements will be integrated with specific studies of visual arts, and literature will also be examined in context. Assignments will include creative work.

ARTH 227 Gender and the Arts of Japan

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Representation, construction, and politics of gender in the visual and performing arts of Japan. Topics of analysis include medieval stories of gender transformation, gender's relationship to Buddhist salvation, the patronage and artistic practice of women, the gendering of script and clothing, the inter-war visual culture of hyper-masculinity, and the theatricality of gender performance in kabuki. Also addresses the gendering of abstract concepts--especially that of the nation state--in modern discourse. Concludes with a look at the stakes of gender in postwar and contemporary Japanese art. No previous experience with Japan, art, feminist theory, or gender theory is necessary.

ARTH 228 Graphic Arts of Japan

Units: 1

Description

Addresses the long history of image-making in two dimensions in Japan--a field of inquiry that includes calligraphy, painting, rubbing, print-making, book-making, manga, photography, film, and new media. A unifying theme throughout will be the intersections of words and images (i.e., depicting and inscribing) in Japanese visual culture. Begins in the Heian court and ends in postmodernity. No prior coursework or experience is necessary.



ARTH 279 Selected Topics

Units: 1

Description

Examples include African art, history of architecture, and other specialized topics. May be repeated for credit if topics differ.

ARTH 309 Image and Icon in Medieval Art

Units: 1

Description

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.

ARTH 310 Late Antique and Early Christian Art

Units: 1

Fulfills General Education Requirement (FSHT)

Description

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.

ARTH 312 Medieval Art in Western Europe, 8th-15th

Centuries

Units: 1

Description

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.

ARTH 315 Art of the Italian Renaissance

Units: 1

Description

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.

ARTH 316 Art in the Age of Reform

Units: 1

Description

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 practical and theoretical developments in the art of the period.

ARTH 319 Advanced Seminar

Units: 1

Description

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, Surrealism,

Artists' Biographies and Art Criticism in early Modern Europe. May be repeated for credit if topic differs.

Prerequisites

300-level art history course in the area of the seminar or permission of instructor.

ARTH 322 Museum Studies

Units: 1

Description

History, philosophy, functions, and future of museums; collection research, evaluation, publications, and museum procedures and education. Does not satisfy major or minor requirements.

ARTH 324 Art Histories

Units: 1

Description

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

ARTH 345 Philanthropy in the Arts

Units: 1

Description

(See Music 345; same as Theatre 345.) Does not satisfy major or minor requirements.

Prerequisites

ARTH 322 or permission of the instructor.

ARTH 365 Art Theories and Methodologies

Units: 1

Description

Study of theoretical approaches and methods used in discipline of art history. Required for art history majors, recommended before the senior year.

Prerequisites

Permission of instructor required for non-art history majors.

ARTH 378 Topics in Asian Art

Units: 1

Description

In depth examination of a single topic in the arts of Asia. Possible themes include Japanese prints, ceramics and the tea ceremony, Chinese literati art, the relationship of calligraphy to painting, narrative art, Buddhist art, etc. May be repeated for credit if the topic differs.

ARTH 388 Individual Internship

Units: .25-1

Description

Supervised work experience at approved museum, gallery or other art institutions. May be repeated for credit at a different institution. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of instructor and departmental approval.

ARTH 395 Independent Study

Units: .25-1

Description

Individually designed program under faculty supervision. Independent studies cannot be substituted for required courses in the art history major.

Prerequisites  
Permission of instructor.

ARTH 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

ARTH 465 Thesis Research Seminar

Units: 1

Description

The first half of a one-year capstone experience for the senior major in art history. Serves to strengthen those research and critical thinking skills introduced in First Year Seminars and further developed in upper-level seminars in art history. Assignments center on identifying, evaluating and presenting primary and secondary sources for the senior thesis proposed during the preceding spring term. Completion of thesis research, production of annotated bibliography and beginning of thesis draft for the spring semester seminar, ART 466.

Prerequisites

ARTH 365

ARTH 466 Thesis Research Project

Units: 1

Description

Required for art history majors in their senior year.

Prerequisites

ARTH 465.

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## Arts Management

### Interdisciplinary Concentration in 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.

Five units, including:

MUS 345/THTR 345/ARTH 345 Philanthropy in the Arts

MUS 388/THTR 388/ARTH 388 Internship

One unit, chosen from:

ARTH 322 Seminar in Museum Studies

MUS 310/THTR 310 Managing Performing Arts Organizations

One unit in accounting, chosen from:

ACCT 201 Fundamentals of Financial Accounting

ACCT 202 Fundamentals of Managerial Accounting

One unit in marketing, chosen from:

MKT 320 Principles of Marketing

MKT 321U Principles of Marketing

Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted. Courses in accounting and marketing may be taken in the School of Business, the School of Professional and 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.

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## Biochemistry and Molecular Biology

*Jonathan Dattelbaum, Co-Coordinator (Chemistry)*

*Krista Stenger, Co-Coordinator (Biology)*

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 any area of the biological sciences, the health professions, or for employment in the biotechnology industry.

### 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

14.75 units, including:

BIOL 199 Introduction to Biological Thinking or BIOL 190 Integrated Science/Math/Computer Science 1 with Lab or BIOL 192 Science, Math and Research Training I

BIOL 200 Integrated Biological Principles I

BIOL 202 Integrated Biological Principles II

BMB 300 Junior Seminar

CHEM 141 Chemistry: Structure, Thermodynamics, and Kinetics

CHEM 205-CHEM 206 Organic Chemistry

CHEM 309 Physical Chemistry

CHEM 324 Experimental Biochemistry

CHEM 325 Experimental Biophysical Chemistry

CHEM 326 Biochemistry

One Macromolecular Structure and Function course, chosen from:

BIOL 310 The Science of Poisoning

BIOL 317 Mechanochemical Cell Biology

BIOL 335 Structural Biology

CHEM 329 Protein Structure, Function and Biophysics

CHEM 333 Chemical Biology

CHEM 342 Medicinal Chemistry

One Gene Regulation course, chosen from:

BIOL 307 Advanced Cell and Molecular Biology

BIOL 312 Developmental Biology with Lab

BIOL 313 Bacterial Pathogenesis

BIOL 314 Molecular Biology

BIOL 322 Cancer Biology and Tumorigenesis with Lab

BIOL 324 Molecular Virology

BIOL 340 Introduction to Immunology

BIOL 342 Neurodevelopment

BIOL 343 Neurobiology

Two senior seminars, to include the presentation of a research topic, chosen from:

BMB 310 Biochemistry Senior Seminar I

BMB 311 Biochemistry Senior Seminar II

MATH 212 or MATH 232 Calculus II

PHYS 127 Algebra-Based General Physics 1 with Lab or  
PHYS 131 Calculus-Based General Physics 1 with Lab or  
PHYS 191 Integrated Science/Math/Computer Science 4  
with Lab

One unit in physics, chosen from:

PHYS 132 Calculus-Based General Physics 2 with Lab

For the Bachelor of Science degree

The above courses plus one additional approved upper level biology or chemistry elective and an approved research experience (BIOL 406 or CHEM 406 or 1 unit in BIOL 394 or BIOL 395 or CHEM 320 or CHEM 321) that culminates in a written report or poster presentation to give a total of 15-16 units.

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. In addition, starting with the class of 2018, double majors in biochemistry and molecular biology and chemistry will not be able to double count seminar courses and will be restricted to presenting their research project only once between the two seminar programs.

### 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 two units of upper-level elective work (above the BA degree requirements) in chemistry, biology, or courses approved by the BMB committee. The student also must fulfill the following research requirements:

- 1.5 units of independent research total
- A written thesis upon completion of their research that is approved by at least two BMB program committee members or their designees
- An oral defense of the thesis

Additionally, students must have a GPA of 3.30 or better in 200-level and above courses towards the major and 3.30 or better overall. The total number of units for honors course work (including formal courses and research) is three and a half. Courses used for Honors credit may also apply towards Bachelor of Science degree requirements.

### Courses

BMB 300 Biochemistry Junior Seminar

Units: .25

Description

Regular attendance at Biology and Chemistry Departments invited speaker series as well as students presentations of selected topics in the natural sciences. Normally taken in the junior year.

Prerequisites

CHEM 206.

BMB 310 Biochemistry Senior Seminar I

Units: .25

Description

Regular attendance at Biology and Chemistry Departments invited speaker series, student presentations of selected topics in the natural sciences, and one presentation given during one of the two semesters. Presentations will encompass selected topics in the natural sciences. One class hour per week.

Prerequisites

BMB 300, CHEM 322, or BIOL 387.

BMB 311 Biochemistry Senior Seminar II

Units: .25

Description

Regular attendance at Biology and Chemistry Departments invited speaker series, student presentations of selected topics in the natural sciences, and one presentation given during one of the two semesters. Presentations will encompass selected topics in the natural sciences. One class hour per week.

Prerequisites

BMB 300, CHEM 322, or BIOL 387.

**Biology**

*Krista Stenger, Chair*

*Professors Boland, de Sá, Hayden, Ranyen-Janecky*

*Associate Professors Brinkerhoff, Hilliker, Quintero, Smallwood,*

*Stenger, Treonis, Warrick, C. Wu, E. Wu*

*Assistant Professors Grayson, Pierce, Skromme*

*Directors of Biological Instruction Boone, Jones, Reiner*

*Director of Biological Imaging Davis*

*Director of Pre-Health Education Vaughan*

*Managers of Biological Laboratories Berben, O'Donnell*

*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).

**For the Bachelor of Science Degree**

The B.S. degree in Biology provides a broad foundation in the biological sciences, and requires competency in closely related scientific disciplines and mathematics. It prepares students to integrate the natural and quantitative sciences.

14 units, including:

BIOL 199 Introduction to Biological Thinking or BIOL 190 Integrated Science/Math/Computer Science 1 with Laboratory or BIOL 192 Science Math and Research Training with Laboratory

BIOL 200 Integrated Biological Principles I

BIOL 202 Integrated Biological Principles II

Five additional units in biology, including at least four approved courses at the 300 level and three with a lab. Students with one unit of research may take two of the five with a lab. The one unit of research may be satisfied by BIOL 394 (taken twice for 0.5 unit each), BIOL 395 (1 unit) or

completion of BIOL 406 (summer undergraduate research) or by the department chair's approval of an external summer research program.

CHEM 141 Chemistry: Structure, Thermodynamics, and Kinetics or CHEM 191 Integrated Science/Math/Computer Science 3 with Laboratory or CHEM 192 Science, Math and Research Training with Laboratory

CHEM 205 Organic Chemistry I

CHEM 206 Organic Chemistry II

Quantitative-Physical Science Requirement

MATH 211 Calculus I or MATH 190 Integrated Science/Math/Computer Science, and two additional units chosen from the following three categories (must be chosen from two different categories):

Category 1:

MATH 212 Calculus II or MATH 232 Scientific Calculus II

Category 2:

MATH 209 Introduction to Statistical Modeling

MATH 289 Introduction to Data Science

PSYC 200 Methods and Analyses

BIOL 320 Experimental Design and Biostatistics (BIOL 320 may count only for quantitative-physical science requirement or 300 level additional unit in biology, but not both)

Category 3:

CMSC 150 Introduction to Computing

PHYS 127 General Physics 1, or PHYS 131 General Physics with Calculus I, or PHYS 191 Integrated Science/Math/Computer Science 2 with lab

GEOG 260 Introduction to Geographic Information

Completion of the two semester IQS course meets the quantitative-physical science requirement for the BS in Biology.

Students are expected to fulfill all prerequisites necessary for courses within the major/minor. Prerequisites do not count toward the major/minor unless otherwise noted.

For the Bachelor of Arts Degree

The BA degree provides a broad foundation in the biological sciences, and allows students flexibility to study a cohesive program in the liberal arts. It prepares students to integrate the humanities, social sciences and/or arts with the biological sciences.

14 units, including:

Biology Courses:

BIOL 199 Introduction to Biological Thinking or BIOL 190 Integrated Science/Math/Computer Science 1 with Laboratory or BIOL 192 Science Math and Research Training I with Laboratory

BIOL 200 Integrated Principles of Biology I

BIOL 202 Integrated Principles of Biology II

Five additional units in biology, including at least four approved courses at the 300 level and three with a lab. Students with one unit of research may take two of the five with a lab. The one unit of research may be satisfied by BIOL 394 (taken twice for 0.5 unit each), BIOL 395 (1 unit) or completion of BIOL 406 (summer undergraduate research) or by the department chair's approval of an external summer research program.

Chemistry Courses:

CHEM 141 Chemistry: Structure, Thermodynamics, and Kinetics or CHEM 191 Integrated Science/Math/Computer Science 3 with Laboratory or CHEM 192 Science, Math and Research Training II with Laboratory

CHEM 205 Organic Chemistry I

Quantitative-physical science, one unit chosen from:

MATH 209 Introduction to Statistical Modeling

MATH 211 Calculus I or MATH 231 Scientific Calculus I or MATH 190 Integrated Science/Math/Computer Science

MATH 289 Applied Regression Analysis

CMSC 150 Introduction to Computing

PHYS 127 General Physics 1 or PHYS 131 General Physics with Calculus I or PHYS 191 Integrated Science/Math/Computer Science 2 with lab.

PSYC 200 Methods and Analyses

BIOL 320 Experimental Design and Biostatistics (BIOL 320 may count only for quantitative-physical science requirement or 300 level additional unit in biology, but not both)

GEOG 260 Introduction to Geographic Information

Three units chosen from the social sciences, humanities, languages or arts. Students pursuing a BA will work with their advisors to create a proposal for a thematically linked course of study (e.g., supporting study in science journalism, science and religion, bioethics, art in the sciences, history of science, etc.)

Approved Courses for the Biology Major and Minor  
All 200- and 300-level courses may be used to meet major or minor requirements with the following exceptions:

BIOL 219 Human Anatomy w/Lab

BIOL 387 Biology Seminar

BIOL 388 Individual Internship

BIOL 389 Independent Study

BIOL 391 Honors Seminar I

BIOL 392 Honors Seminar II

BIOL 394 Undergraduate Research

BIOL 395 Undergraduate Research

Biochemistry (CHEM 326) may count toward the major or minor as a non-lab 300-level biology course.

**The Biology Minor**

Six units, including:

BIOL 199 Introduction to Biological Thinking or BIOL 190 Integrated Science/Math/Computer Science 1 with Laboratory or BIOL 192 Science Math and Research Training with Laboratory I

BIOL 200 Integrated Biological Principles I

BIOL 202 Integrated Biological Principles II

Two additional units in Biology, at or above the 200 level, at least one with lab

CHEM 141 Introductory Chemistry or CHEM 191 Integrated Science/Math/Computer Science 3 with Laboratory or CHEM 192 Science, Math, and Research Training II

Approved Courses for the Biology Major and Minor

All 200- and 300-level courses may be used to meet major or minor requirements with the following exceptions:

BIOL 219 Human Anatomy w/Lab

BIOL 260 Introduction to Geographic Information Systems

BIOL 387 Biology Seminar

BIOL 388 Individual Internship

BIOL 389 Independent Study

BIOL 391 Honors Seminar I

BIOL 392 Honors Seminar II

BIOL 394 Undergraduate Research

BIOL 395 Undergraduate Research



Biochemistry (CHEM 326) may count toward the major or minor as a non-lab 300-level biology course.

### Honors Program

Students are eligible for the honors program after completing at least 18.5 units of course work (with at least 3.5 units in Biology at the 200 level or higher) and GPAs of 3.3 or higher overall and in Biology. A student may earn honors in biology by completing the following requirements:

1. A minimum GPA of 3.30 in biology and overall;
2. Two units total of an approved research experience (may be satisfied by a combination of 0.5 unit and 1 unit research courses taken over multiple semesters);
3. One unit of biology 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;
4. BIOL 391 Honors Seminar I;
5. BIOL 392 Honors Seminar II; and
6. Honors thesis written under the supervision of a research advisor and presented to the department in an oral presentation.

Students may contact Dan Pierce, Assistant Professor of Biology, for more information.

### Related Fields

Biochemistry and molecular biology program  
Interdisciplinary concentration in neuroscience for biology or psychology majors  
Environmental Studies  
Integrated Science  
Integrated and Inclusive Science Program

### 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 108 Environmental Biology with lab

Units: 1

Fulfills General Education Requirement (FSNB)

Description

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. Will not serve as basis of further work in science nor meet entrance requirements for any health profession. Three lecture and three laboratory hours per week.

BIOL 109 Introduction to Ecology with lab

Units: 1

Fulfills General Education Requirement (FSNB)

Description

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 three laboratory hours per week. Same as Environmental Studies 109.

BIOL 111 Marine Biology of the Chesapeake Bay with lab

Units: 1

Fulfills General Education Requirement (FSNB)

Description

Introduction to the ecology and biological diversity of the Chesapeake Bay and its watershed. Environmental issues facing the bay will be explored through direct data collection, observation, and hands-on activities. This is a service-learning course and students will join local 5th-grade classrooms to help teach elementary students about the bay. Will not serve as basis for further work in science nor meet entrance requirements for any health profession. Three lecture and three laboratory hours per week. Same as Environmental Studies 111.

BIOL 120 Modern Concepts in Biology with lab

Units: 1

Fulfills General Education Requirement (FSNB)

Description

Scientific reasoning as applied in biology. Different sections may address different topics, but each one will study the nature of evidence and how knowledge is gained in biology through diligent observation or controlled experimentation. Assumes completion of high school chemistry and biology. Designed for students not majoring in the sciences. Does not satisfy biology requirements for graduate school or the health professions. Repeatable for credit if topics differ. Three lecture and three laboratory hours per week.

BIOL 190 Integrated Science/Math/Computer Science 1 with lab

Units: 1

Fulfills General Education Requirement (FSNB)

Description

One of two courses taught fall semester as part of Integrated Quantitative Science program. Will integrate topics from Biology, Chemistry, Physics, Math and Computer Science and will include instructors from all five disciplines. Each semester of the course will be organized around a guiding principle that integrates several concepts. Along with co-requisite, will include ten hours for lecture and lab combination.

Prerequisites

High school calculus. Co-requisite: Math 190. Acceptance to Intergrated Quantitative Science course.

BIOL 192 Science, Math and Research Training I with lab

Units: 1

Fulfills General Education Requirement (FSNB)

Description

Year-long course provides an, interdisciplinary, integrated introduction to biology and chemistry, with an accompanying integrated lab. Based on the material in the first course of the major in each of these disciplines, this course will focus on current scientific problems facing today's world such as HIV/AIDS or antibiotic resistance. The course is team taught by two faculty members, one from each discipline. Teaching will be integrated so that links between concepts are readily apparent and students are stimulated to think beyond traditional science methodology. The laboratory will be comprised of hands-on and investigation based experiences using both experimental and computer simulation approaches. The SMART course is designed for students considering a major in either biology or chemistry and also meets requirements for students who go on to study medicine or other health sciences fields. To be taken in consecutive semesters in the first year and with an accompanying year-long calculus course. Completion of the full year of SMART (CHEM 192) will substitute for CHEM141 and BIOL 199. 3 lecture and 3 laboratory hours per week.

BIOL 199 Introduction to Biological Thinking with lab

Units: 1

Fulfills General Education Requirement (FSNB)

Description

An introduction to how biologists pose questions, design experiments, analyze data, evaluate evidence, and communicate scientific information. Individual sections will have different topics and formats, but all sections will involve intensive student-directed investigation and include a laboratory component. Required for prospective biology majors and biochemistry and molecular biology majors. Three lecture and three laboratory hours per week. Same as ENVR 199.

BIOL 200 Integrated Biological Principles I with lab

Units: 1

Description

First of two-part series on the fundamental principles of biology. Examines genetics, cellular and molecular biology, and physiology within the context of biological evolution. Builds upon the competencies and skills learned in BIOL 199. Serves as preparation for upper level biology courses and beyond. Intended for majors in biology and biochemistry and molecular biology. Three lecture and three laboratory hours per week.

Prerequisites

(BIOL 190 or BIOL 192 or BIOL 199) and [CHEM 141 or CHEM 191 or CHEM 192 (CHEM may be taken concurrently)]

BIOL 202 Integrated Biological Principles II with lab

Units: 1

Description

Second of two-part series on the fundamental principles of biology. Examines organismal physiology and ecology within the context of biological evolution. Builds upon the competencies and skills learned in BIOL 199 and 200 Serves as preparation for upper level biology courses and beyond. Intended for majors in biology and biochemistry and

molecular biology. Three lecture and three laboratory hours per week.

Prerequisites

BIOL 200

BIOL 206 Cell Structure and Function SA with lab

Units: 1.5

Description

Introduction to general aspects of animal cell structure and associated physiology. Overview of cell shape and form, and cell and tissue types, along with intracellular organelles. Investigates the function cell membranes in maintaining homeostasis. Investigates in more detail the cellular function of nerve, muscle, and blood cells, and signaling by endocrine and immune system cells. Taught at the University of St. Andrews, Scotland. Fall semester only.

Prerequisites

(BIOL190 or BIOL192 or BIOL199) and (CHEM141 or CHEM191 or CHEM192)

BIOL 207 Ecology with lab

Units: 1

Description

Examines forces that shape the patterns of species interactions, abundance and distribution. Three lecture and three laboratory hours a week plus overnight field trips.

Prerequisites

BIOL190 or BIOL192 or BIOL199 or CHEM112 or CHEM141 or CHEM191 or CHEM192 or ENVR 201

BIOL 216 Botany with lab

Units: 1

Fulfills General Education Requirement (FSNB)

Description

Diversity, structure, growth, physiology, and reproduction of photosynthetic organisms. Three lecture and three laboratory hours a week.

Prerequisites

BIOL 190 or BIOL 192 or BIOL 199 or CHEM 112 or ENVR 201 or permission of instructor

BIOL 219 Human Anatomy with Lab

Units: 1

Description

Survey of basic human anatomy, with an emphasis on the musculoskeletal, cardiovascular, and nervous systems. For students in allied health fields. Does not count toward the Biology major or minor. Students may not receive credit for both BIOL 219 and BIOL 308: Comparative Vertebrate Anatomy.

Prerequisites

BIOL 200 with a C-

BIOL 220 Human Physiology with Lab

Units: 1

Description

A study of the human nervous, sensory, skeletal muscle, cardiovascular, respiratory, renal, gastrointestinal, endocrine, and reproductive systems. Emphasis will be placed on forging conceptual links between biology at the molecular, cellular, tissue, and organ levels and the function (and dysfunction) of the human body. Three lecture and three laboratory hours per week.

Prerequisites

(CHEM 141 or CHEM 191 or CHEM 192 and BIOL 200 or BIOL 206) and permission of instructor.

BIOL 225 Evolution with Lab

Units: 1

Description

Introduction to biological evolution, including history of field and mechanisms of evolution that result in biological diversification, speciation, extinction, and the fossil record. Three lecture and three laboratory hours per week.

Prerequisites

(BIOL 190 or BIOL 192 or BIOL 199 or CHEM 112) and (CHEM 141 or CHEM 191 or CHEM 192).

BIOL 229 Microbiology with lab

Units: 1

Description

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

BIOL 200 with a C-.

BIOL 303 Plant Morphology with Lab

Units: 1

Description

Structure, life histories, and phylogeny of major divisions of algae, fungi, and terrestrial plants. Three lecture and three laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 304 Medical Botany

Units: 1

Description

Medically significant plants, the biologically active compounds that they make, and how plant-derived drugs and poisons modulate human biochemistry, cell biology, and/or physiology.

Prerequisites

BIOL 200 with a C-.

BIOL 305 Plant Anatomy with Lab

Units: 1

Description

Microscopic structure of vascular plants with emphasis on function, development, and evolution. Three lecture and three laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 306 Systematic Botany with Lab

Units: 1

Description

Identification and classification of vascular plants; emphasis on local flora, principles of systematics. Two lecture and four laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 307 Advanced Cell and Molecular Biology

Units: 1

Description

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. Three lecture hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 308 Comparative Vertebrate Anatomy with Lab

Units: 1

Description

Comparative anatomy and biology of several systems of organs of representative vertebrates in an evolutionary context. Two lecture and four laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 310 The Science of Poisoning

Units: 1

Description

Introduction to the basic concepts of toxicology as they apply to the effects of environmental agents (i.e. chemicals, metals, and biological molecules) on public health. Discussion of the distribution, metabolism, and elimination of toxic agents, as well as the fundamental laws that govern the interaction of foreign chemicals with biological systems. Examines the effects of classic toxicants on the major organ systems. Focus on the application of concepts to the understanding and prevention of morbidities and mortalities that result from environmental exposures to toxic substances. Uses case studies and published scientific literature.

Prerequisites

BIOL 202 with a C-.

BIOL 312 Developmental Biology with Lab

Units: 1

Description

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.

Prerequisites

BIOL 202 with a C-.

BIOL 313 Microbial Pathogenesis with Lab

Units: 1

Description

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.

Prerequisites

BIOL 202 with a C-.

BIOL 314 Molecular Biology with Lab

Units: 1

Description

Exploration of the molecular mechanism of genome maintenance, expression, and evolution in prokaryotes and eukaryotes. Mechanisms of gene regulation will be emphasized, using primary literature to introduce new discoveries in the field. Topics include transcription and translation regulation, genome editing, and epigenetics. The lab will focus on using modern molecular techniques to address novel questions. Three lecture and three laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 315 Landscape Ecology

Units: 1

Description

(See Geography 315.)

Prerequisites

GEOG 250 or ENVR 201 or BIOL 202 or BIOL 207, or permission of instructor

BIOL 317 Mechanochemical Cell Biology with Lab

Units: 1

Description

Focuses on the chemical and physical nature of cellular function, and the approaches used to study cells. Topics include biophysical principles, kinetics, macromolecular self-assembly, and the impact of regulatory mechanisms on cellular properties. Laboratory component includes an active research project studying the machinery of cell division, including quantitative microscopy approaches. Three lecture hours and three laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 320 Experimental Design and Biostatistics

Units: 1

Description

Introductory course in designing, analyzing, and interpreting biological experiments. This course is structured to develop students' understanding of when to apply different quantitative methods, how to implement those methods using statistical software, and how to effectively communicate the analyses. Topics include summary statistics, distributions, randomization, replication, parametric and nonparametric tests. Additional topics may include multivariate methods, randomization tests, and Bayesian statistics.

Prerequisites

BIOL 202 with a C-.

BIOL 322 Cancer Biology and Tumorigenesis with Lab

Units: 1

Description

Examination of the past, present, and future of cancer biology. Surveys the molecular/cellular mechanisms that drive cancer and tumor formation through analysis of primary literature and student-led discussions.

Prerequisites

BIOL 202 with a C-.

BIOL 324 Molecular Virology with Lab

Units: 1

Description

Exploration of the molecular biology of viruses. Topics include virus entry, viral gene expression, genome replication, assembly, and exit. Each step of the viral life cycle will be illustrated through examples of well-studied viruses, accompanied by primary literature readings. Laboratory involves development of a virologist skill set and designing and carrying out self-directed experiments. Three lecture and three laboratory hours per week.

Prerequisites

BIOL 202 with a C-. CHEM 326 is recommended.

BIOL 325 Molecular Evolution with Lab

Units: 1

Description

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.

Prerequisites

BIOL 202 with a C-.

BIOL 331 Molecular Ecology with Lab

Units: 1

Description

Examines how molecular genetic techniques are used to study ecological and evolutionary processes in natural populations. Relying heavily on the primary literature, explores methods for evaluating population genetic structure, studying the adaptation of organisms to changing environments, and assessing quantitative predictions from ecological and evolutionary theory. Applied topics covered include molecular identification, hybridization, conservation genetics, transgene escape, the evolution of invasive species, and environmental genomics. The laboratory will emphasize experimental design and training in molecular techniques commonly used in molecular ecology. Three lecture and three laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 333 Microbial Ecology with Lab

Units: 1

Description

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. Three lecture and three laboratory hours per week.

Prerequisites

BIOL 202,

BIOL 335 Structural Biology

Units: 1

Description

Introduction to the study of molecular structures of macromolecules using techniques such as X-ray crystallography, molecular dynamics simulations, and electron microscopy. Covers mathematical theory behind X-ray and

electron diffraction phenomena and computational modeling of macromolecules. Three lecture hours per week.

Prerequisites

BIOL 202 with a C-. CHEM 326 and PHYS 132 recommended.

BIOL 336 Eco-epidemiology with Lab

Units: 1

Description

Explores various ways environmental heterogeneity influences disease risk in humans, with specific emphasis on diseases harbored by wildlife species and transmitted by arthropod vectors. Molecular, field-based, computational, and geospatial approaches to characterizing and studying infectious disease dynamics. Readings draw heavily from primary scientific literature. Development of research ideas and implementation of group investigations. Three lecture and three laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 338 Comparative Animal Physiology with Lab

Units: 1

Description

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

BIOL 202 with a C-.

BIOL 340 Introduction to Immunology with Lab

Units: 1

Description

Overview of immunology. Current theories and their explanation of pertinent contemporary issues included. Three lecture and three laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 341 Animal Physiological Ecology with Lab

Units: 1

Description

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.

Prerequisites

BIOL 202 with a C-.

BIOL 342 Neurodevelopment

Units: 1

Description

Interdisciplinary and integrative area of biology that studies the cellular, molecular and physiological processes by which a field of (ectodermal) cells give rise to a multicellular, three-dimensional nervous system with specialized cell types that are organized into tissues with sensory, motor and cognitive functions.

Prerequisites

BIOL 202.

BIOL 343 Neurobiology with Lab

Units: 1

Description

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.

Prerequisites

BIOL 202 with a C-.

BIOL 344 Behavioral Ecology with Lab

Units: 1

Description

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

BIOL 202 with a C-.

BIOL 346 Medical Entomology with Lab

Units: 1

Description

Introduces students to biology of medically important arthropods, life cycles of transmitted pathogens, disease symptoms and epidemiology. Discusses the economic and social impact of these arthropods and strategies for their control; covers unorthodox points of intersection between entomology and medical sciences, including psychiatry, surgery and forensic medicine.

Prerequisites

BIOL 202 with a C-.

BIOL 351 Special Topics

Units: .5-1

Description

Special course areas covered when sufficient interest exists. Considers subject matter not covered in other biology courses. Three lecture hours per week. Some topics will include three laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 354 Biological Basis of Neurodegenerative Diseases with Lab

Units: 1

Description

Examines the biological mechanisms that underlie human neurodegenerative diseases. Also examines the genetic, molecular, and cellular mechanisms of diseases like Alzheimer, Huntington, and Parkinson diseases by discovering how normal biological processes fail and lead to neuronal death. Also examines the biological basis of potential cures. Three lecture and three laboratory hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 380 Philosophical Issues in Evolutionary Biology



Units: 1

Description

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.

Prerequisites

BIOL 202 with a C-.

BIOL 381 Advanced Topics in Ecology

Units: 1

Description

Discussion-based course exploring the development of ecological theories in scientific literature from the foundations of the discipline through contemporary research and cutting-edge approaches. Readings draw from contemporary and foundational scientific research articles; critical analysis and discussion of the methods, data, and ideas found in each paper. Culminates in the development of one or more synthetic projects such as a synthesis paper that approaches current and historical thinking on a foundational ecological theory, and or a team-developed educational lab module that could hypothetically be used to teach undergraduate ecology students. The specific topical content of this course will vary by semester.

Prerequisites

BIOL 202 with a C-.

BIOL 382 Conservation Biology with lab

Units: 1

Description

Study of biological diversity (species, habitats, ecosystems) and efforts to conserve it. Specific topics may include ecological models of population regulation, coexistence, maximum sustainable harvest rates and minimum viable population size. Study of local, national and/or international policies for the conservation of biodiversity. Three lecture hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 383 Tropical Biology and Conservation

Units: 1

Description

Introduction to principles of tropical biology and conservation, including historical and economic components. Three lecture hours per week.

Prerequisites

BIOL 202 with a C-.

BIOL 387 Biology Seminar

Units: .25

Description

Regular attendance in program seminars and written analysis of presentations. May be repeated for credit, normally taken in junior year. Meets one hour per week.

Prerequisites

Instructor approval

BIOL 388 Individual Internship

Units: .5

Description

Supervised independent work under field conditions.

Designed to give student applied experience in biological specialty. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Biology, biochemistry and molecular biology, or environmental studies major at junior or senior rank and instructor approval.

BIOL 389 Independent Study

Units: .25-1

Description

An in-depth study of biological topics not included in other courses. Students work independently, but under the supervision of a faculty member. Must be approved by department chair and instructor.

Prerequisites

Permission of instructor.

BIOL 390 Advances in Biology

Units: .5

Description

Engages students with discoveries at the boundaries of traditional biology disciplines and examine the kinds of questions researchers ask about living systems. The course builds upon foundational concepts in introductory biology courses and studies research fields for which an interdisciplinary approach is needed to advance our understanding. No individual topic may be repeated for credit.

Prerequisites

BIOL 202 with a C-.

BIOL 391 Honors Seminar I

Units: .25

Description

Special topics for junior and senior students with emphasis on topics presented in the Biology Seminar Series. One lecture hour per week.

Prerequisites

Permission of instructor.

BIOL 392 Honors Seminar II

Units: .25

Description

Special topics for junior and senior honors candidates. One lecture hour per week.

Prerequisites

Permission of instructor.

BIOL 394 Undergraduate Research

Units: 0.5

Description

Independent research conducted with faculty supervision. May be repeated eight times for credit.

Prerequisites

Permission of instructor.

BIOL 395 Undergraduate Research

Units: 1

Description

Laboratory or field-centered independent study. May be taken twice for credit.

Prerequisites  
Permission of instructor.

BIOL 406 Summer Undergraduate Research  
Units: 0

**Description**

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

**Prerequisites**

Approval for summer Arts and Sciences fellowship by faculty mentor

One additional 1-unit upper-level course in chemistry (other than CHEM 320 or CHEM 321)

MATH 212 or MATH 232 Calculus II or Scientific Calculus II

PHYS 127 Algebra-Based General Physics 1 with Lab or  
PHYS 131 Calculus-Based General Physics 1 with Lab or  
PHYS 191 Integrated Science/Math/Computer Science 4 with Lab

PHYS 132 Calculus-Based General Physics 2 with Lab

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

**For the Bachelor of Science degree**

13.5-14.5 units, including:

CHEM 141 or CHEM 191 or CHEM 192, Chemistry: Structure, Thermodynamics, and Kinetics or Integrated Science/Math/Computer Science 3 with Lab or Science, Math and Research Training II

CHEM 205-CHEM 206 Organic Chemistry

CHEM 300 Measurement Statistics

CHEM 301 Quantitative Methods of Chemical Analysis

CHEM 309 and CHEM 314 Physical Chemistry I and Lab

CHEM 310 and CHEM 315 Physical Chemistry II and Lab

CHEM 317 Inorganic Chemistry

CHEM 322 Junior Seminar

CHEM 421-CHEM 422 Senior Seminar

One additional 1-unit upper-level course in chemistry (other than CHEM 320 or CHEM 321)

An approved research experience (CHEM 406 or one unit of CHEM 320 or CHEM 220) that culminates in a written report or in a formal presentation outside the Chemistry Department.

MATH 212 or MATH 232 Calculus II or Scientific Calculus II

PHYS 127 Algebra-Based General Physics 1 with Lab or  
PHYS 131 Calculus-Based General Physics 1 with Lab or  
PHYS 191 Integrated Science/Math/Computer Science 4 with Lab

PHYS 132 Calculus-Based General Physics 2 with Lab

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.

**Chemistry**

Department of Chemistry

*Christopher L. Stevenson, Chair*

*Professors Dattelbaum, Donald, Downey, Gupton, Hamm, Leopold, Parish*

*Associate Professors Abrash, Dominey, Goldman, Nolin, Stevenson*

*Assistant Professor Johnson, Norris, Pollock, Williams*

*Director of Chemistry Laboratories Miller*

*Director of Instrument Facilities Kellogg*

*Director of NMR and Computational Support Simpson*

*Director of Organic Laboratories O'Neal*

*Managers of Laboratories Cheatham, Collins*

*Stockroom Manager Joseph*

*Visiting Senior Research Scholars Seeman, Zeldin*

**The Chemistry Major**

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

**For the Bachelor of Arts degree**

12 units, including:

CHEM 141 or CHEM 191 or CHEM 192, Chemistry: Structure, Thermodynamics, and Kinetics or Integrated Science/Math/Computer Science 3 with Lab or Science, Math and Research Training II

CHEM 205-CHEM 206 Organic Chemistry

CHEM 300 Measurement Statistics

CHEM 301 Quantitative Methods of Chemical Analysis

CHEM 309 and CHEM 314 or CHEM 310 and CHEM 315 Physical Chemistry

CHEM 317 Inorganic Chemistry

CHEM 322 Junior Seminar

CHEM 421-CHEM 422 Senior Seminar

Students may only receive credit for one of the following: CHEM 141, CHEM 191, or CHEM 192

Please note that CHEM 326 (Biochemistry) and CHEM 324 (Experimental Biochemistry) may only count towards a Biology degree (major or minor) or a Chemistry degree (major or minor), not both.

### The Chemistry Minor

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

Six and a half units, including:

CHEM 141 or CHEM 191 or CHEM 192, Chemistry: Structure, Thermodynamics, and Kinetics or Integrated Science/Math/Computer Science 3 with Lab or Science, Math and Research Training II

CHEM 205-CHEM 206 Organic Chemistry

CHEM 317 Inorganic Chemistry

At least two and a half units of additional course work at the 300 or 400 level. Please note that CHEM 300, research (CHEM 320 or CHEM 321), and seminar (CHEM 322, CHEM 421 and CHEM 422) cannot be used to satisfy coursework for the minor.

Students may only receive credit for one of the following: CHEM 141, CHEM 191, or CHEM 192

Please note that CHEM 326 (Biochemistry) and CHEM 327 (Biochemistry with lab) may only count towards a Biology degree (major or minor) or a Chemistry degree (major or minor), not both

### ACS Certified Degree in Chemistry

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

For Chemistry Majors

The Bachelor of Science degree in chemistry with the addition of CHEM 326. Note that CHEM 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 and approved by at least two chemistry faculty members or their designees.

For Biochemistry and Molecular Biology Majors

The completion of the Bachelor of Science degree in biochemistry and molecular biology and CHEM 317, as well as either CHEM 300/ CHEM 301 or CHEM 302 also meets the certification requirements. Note that CHEM 317, as well as either CHEM 300/CHEM 301 or CHEM 302 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 and approved by at least two chemistry faculty members or their designees.

### Honors Program

Departmental honors in chemistry requires 1) a GPA of 3.3 overall and in the major; 2) completion of the Bachelor of Science degree in chemistry with the addition of CHEM 326 and two units total of an approved research experience; and 3) a research thesis turned in to the honors coordinator and approved by at least two chemistry faculty members or their designees. (Note that CHEM 326 is in addition to, not in place of, the upper-level elective required for the Bachelor of Science degree in chemistry.)

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 18.5 units total coursework and three and a half units in chemistry past CHEM 141.

Students may contact the Chemistry Honors Program Coordinator, Dr. Michael Norris, for additional information.

### Cooperative Program

Engineering Opportunities for University of Richmond students at Virginia Commonwealth University

Fundamental understanding of chemistry, physics, and biology coupled with problem-solving and analytical skills in chemical and life science engineering represents a unique opportunity to position students for broad employment opportunities in chemical process technology and in the rapidly growing areas of biotechnology, bioengineering, and nanoscience. 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 upon graduation is three semesters of calculus and one semester each of differential equations and statistics (which may be satisfied with CHEM 300). A course in computer programming is also required.

The core courses taken at VCU are:

CLSE 201 Material Balances (3 semester hours)  
CLSE 202 Energy Balances and Engineering Thermodynamics (3 semester hours)  
CLSE 301 Transport Phenomena I (3 semester hours)  
CLSE 305 Thermodynamics of Phase Equilibria and Chemical Reactions (3 semester hours)

The core courses listed above will be accepted as transfer credit. Up to one unit 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 three and half units at Richmond during each term coursework is taken at VCU
- Minimum GPA of 3.00 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 registration must be approved in advance by VCU registrar (case-by-case approval)

### Related Major

Biochemistry and molecular biology program

### Courses

#### CHEM 110 Pollutants in the Environment

Units: 1

Fulfills General Education Requirement (FSNC)

#### Description

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 per week. Does not count toward the chemistry major or minor. Same as Environmental Studies 110.

#### Prerequisites

None (high school chemistry desirable).

#### CHEM 111 Chemistry Detectives: Solving Real-World Puzzles

Units: 1

Fulfills General Education Requirement (FSNC)

#### Description

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.

#### Prerequisites

High school chemistry or permission of instructor.

#### CHEM 112 Biochemistry in the Real World

Units: 1

Fulfills General Education Requirement (FSNC)

#### Description

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, papillomavirus, and AIDS. Three lecture and three laboratory hours per week. Does not count toward the chemistry major or minor.

#### CHEM 113 Catching Criminals with Chemistry

Units: 1

Fulfills General Education Requirement (FSNC)

#### Description

Investigation of how chemistry can be applied to solving crimes. The nature of physical evidence will be discussed, along with the chemical techniques used to gather and analyze that evidence. The course will also introduce students to the legal aspects surrounding the introduction of evidence into a court of law, thus providing an interdisciplinary focus for those interested in science and law. By combining case studies with applicable technology, students will gain a heightened understanding of the important roles that chemistry plays in forensic science. Three lecture and three laboratory hours per week. This course does not count towards the chem major or minor.

#### CHEM 114 The Chemistry of Cooking and Modernist Cuisine

Units: 1

Fulfills General Education Requirement FSNC

#### Description

Improves understanding of the scientific principles of food and cooking. Investigates how scientific principles and techniques have revolutionized the culinary industry. Focuses on the molecular bases of food and their reactivity under various conditions. A hands-on look at applied chemical principles as seen in cooking during three lecture and three laboratory hours per week. One year of High School Chemistry is recommended. This course does not count towards the chemistry major or minor.

#### CHEM 115 Chemistry in Art

Units: 1

Fulfills General Education Requirement FSNC

#### Description

A rigorous, math- and science-based approach to the chemical processes employed in various arts. The nature of color, creating color, and fastening color will be explained chemically and quantified mathematically, along with the chemical techniques used in developing/following these processes. Covers a range of laboratory techniques commonly used in various art mediums, but through a physical science lens. Combines theoretical science concepts with current art practices for a more developed understanding of the vital contributions that chemistry provides to art. Topics covered will include the properties of light, native metals and their compounds, ceramics, polymers, film formation, and paint binders. Three lecture and three laboratory hours per week. Does not count toward the chemistry major or minor.

CHEM 141 Chemistry: Structure, Thermodynamics, and Kinetics

Units: 1

Fulfills General Education Requirement (FSNC)

Description

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 per week. Previous knowledge of chemistry is helpful but not assumed. Students may only receive credit for one of the following: CHEM 141, CHEM 191, or CHEM 192.

CHEM 191 Integrated Science/Math/Computer Science 3 with Laboratory

Units: 1

Description

One of two courses taught spring semester as part of Integrated Quantitative Science program. Will integrate topics from Biology, Chemistry, Physics, Math and Computer Science and will include instructors from all five disciplines. Each semester of the course will be organized around a guiding principle that integrates several concepts. Along with co-requisite, will include ten hours for lecture and lab combination. Students may only receive credit for one of the following: CHEM 141, CHEM 191, or CHEM 192.

Prerequisites

High school calculus. Biology 190 and Math 190. Co-requisite: Physics 191. Acceptance to Intergrative Quantitative Science course required.

CHEM 192 Science, Math and Research Training II

Units: 1

Fulfills General Education Requirement FSNC

Description

Year-long course provides an, interdisciplinary, integrated introduction to biology and chemistry, with an accompanying integrated lab. Based on the material in the first course of the major in each of these disciplines, this course will focus on current scientific problems facing today's world such as HIV/AIDS or antibiotic resistance. The course is team taught by two faculty members, one from each discipline. Teaching will be integrated so that links between concepts are readily apparent and students are stimulated to think beyond traditional science methodology. The laboratory will be comprised of hands-on and investigation based experiences using both experimental and computer simulation approaches. The SMART course is designed for students considering a major in either biology or chemistry and also meets requirements for students who go on to study medicine or other health sciences fields. To be taken in consecutive semesters in the first year and with an accompanying year-long calculus course. Completion of the full year of SMART (CHEM 192) will substitute for CHEM141 and BIOL 199. 3 lecture and 3 laboratory hours per week. Students may only receive credit for one of the following: CHEM 141, CHEM 191, or CHEM 192.

Prerequisites

BIOL 192.

CHEM 204 Organic Chemistry I SA

Units: 1.5

Description

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.

This course is only offered at St. Andrews.

Prerequisites

Departmental approval required.

CHEM 205 Organic Chemistry I

Units: 1

Description

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 per week.

Prerequisites

Chemistry 141 or 191 or 192 with a grade of C- or better.

CHEM 206 Organic Chemistry II

Units: 1

Description

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 per week.

Prerequisites

Chemistry 205 with a grade of C or better.

CHEM 220 Projects

Units: .25-.5

Description

Laboratory, literature, or community-based learning experience with a faculty member.

CHEM 230 Special Topics in Chemistry

Units: .5-1

Description

Considers subject matter not covered in other chemistry courses. See the chemistry department home page for special topics currently scheduled.

CHEM 300 Measurement Statistics

Units: 1

Description

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, or prior to, Chemistry 301. Three lecture hours per week.

CHEM 301 Quantitative Methods of Chemical Analysis

Units: 1.5

Description



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 per week.

Prerequisites

Chemistry 300 and 317. Chemistry 300 may be taken concurrently.

CHEM 302 Spectroscopy and Instrumentation

Units: 1.5

Description

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 per week.

Prerequisites

Chemistry 206.

CHEM 303 Separations

Units: 1

Description

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 to four hours of lecture and/or laboratory per week.

Prerequisites

Chemistry 301 or 302.

CHEM 308 Statistical Mechanics

Units: 1

Description

(See Physics 308.)

CHEM 309 Physical Chemistry I

Units: 1

Description

Study of the 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 also examined along with electrochemistry. Three lecture hours per week.

Prerequisites

Chemistry 141 or 191 or 192; Physics 132; and Mathematics 212 or 232; or permission of instructor. Chemistry 317 is highly recommended.

CHEM 310 Physical Chemistry II

Units: 1

Description

Study of the 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 also examined along with electrochemistry. Three lecture hours per week.

Prerequisites

Chemistry 141 or 191 or 192; Physics 132; and Mathematics 212 or 232; or permission of instructor. Chemistry 317 is highly recommended.

CHEM 311 Theoretical and Computational Chemistry

Units: 1

Description

Involves the fundamental study of the structure, energetics, and behavior of molecular systems using tools from mathematics, physics, chemistry, and biology as implemented on a computer. Will cover the basics of the field including, but not limited to, molecular mechanics, quantum mechanics, hybrid methods, and docking. These tools can be applied to problems in drug design, protein folding, reaction mechanisms, and prediction of molecular phenomenon, to name a few.

Prerequisites

Chemistry 141 or 191 or 192 and Mathematics 212 or 232

CHEM 313 The Natures of the Chemical Bond

Units: 1

Description

Builds on the bonding ideas introduced in the general and introductory chemistry curriculum. Enables meaningful access to the chemical literature on experimental and computational studies of bonding in molecules and solids for systems spanning the entire periodic table. Spans orbital and atoms-in-molecules models of bonding (with perspectives on functional group), phenomena such as halogen, aurophilic (metallophilic) interactions, aromaticity (organic and inorganic), thermodynamic vs. kinetic stability of compounds, and chemical views on extended solids.

Prerequisites

Chemistry 141, 191 or 192 and Mathematics 212 or 232.

CHEM 314 Physical Chemistry Laboratory I

Units: .5

Description

Experimental course corresponding to Chemistry 309. Covers critical experiments related to the theoretical treatments of gas laws, thermodynamics, and chemical kinetics.

Introduction to scientific writing and basic error propagation.

Prerequisites

Chemistry 309

CHEM 315 Physical Chemistry Laboratory II

Units: .5

Description

Experimental course corresponding to Chemistry 310. Covers critical experiments related to the theoretical treatments of quantum mechanics, spectroscopy and to a lesser extent, statistical mechanics.

Prerequisites

CHEM 310 is a co-requisite for CHEM 315.

CHEM 316 Environmental Chemistry

Units: 1

Description

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 per week.

Prerequisites

Chemistry 205 or permission of instructor.

CHEM 317 Inorganic Chemistry

Units: 1

Description

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.

Prerequisites

Chemistry 206.

CHEM 320 Introduction to Research

Units: .5-1

Description

Laboratory research experience with a faculty member. Please note that students are not allowed to take both CHEM 320 and CHEM 321 in the same term.

CHEM 321 Advanced Independent Research

Units: .5-1

Description

Advanced laboratory research experience with a faculty member. Students are limited to two units of CHEM 321. Please note that students are not allowed to take both CHEM 320 and CHEM 321 in the same term.

Prerequisites

CHEM 406 or 2 semesters of CHEM 320.

CHEM 322 Junior Seminar

Units: 0

Description

Regular attendance in departmental seminar program. Normally taken in the junior year. One class hour per week.

Prerequisites

Chemistry 206.

CHEM 324 Experimental Biochemistry

Units: .5

Description

Experimental course will cover critical techniques in biochemistry, including protein purification, enzyme kinetics, and protein structural analysis.

Prerequisites

CHEM 326 (may be taken concurrently)

CHEM 325 Experimental Biophysical Chemistry

Units: .5

Description

Experimental course that will cover critical techniques in biophysical chemistry, including thermodynamics, bioinformatics, and macromolecular function.

Prerequisites

CHEM 309, 326 (326 may be taken concurrently)

CHEM 326 Biochemistry

Units: 1

Description

Structure and chemistry of biologically important macromolecules and chemical processes involved in cellular synthesis degradation, and assembly of these macromolecules. Three lecture hours and an extra experience per week. Please note that CHEM 326 may be used to satisfy program requirements in only one department. For example, it cannot count as elective credit for both the Biology major (or minor) and a Chemistry major (or minor).

Prerequisites

Chemistry 206.

CHEM 327 Biochemistry with Laboratory

Units: 1

Description

Structure and chemistry of biologically important macromolecules and chemical processes involved in cellular synthesis degradation, and assembly of these macromolecules. Three lecture and three laboratory hours per week. This course is restricted to students who are Biochemistry and Molecular Biology majors or obtain permission from the instructor. Please note that CHEM 327 may be used to satisfy program requirements in only one department/program. For example, it cannot count toward the BMB major and also be used as an elective for the Chemistry or Biology major or minor.

Prerequisites

Chemistry 206.

CHEM 329 Protein Structure, Function and Biophysics

Units: 1

Description

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: 1) kinases, phosphatases, and regulation, 2) proteases and processes and 3) oligomeric enzymes and allosteric models. Three lecture hours per week.

Prerequisites

Chemistry 326.

CHEM 330 Special Topics in Biochemistry

Units: .5-1

Description

Special course areas in biochemistry will be covered when sufficient interest exists. Considers subject matter not covered in other chemistry courses. See the chemistry or biochemistry and molecular biology department home pages for special topics currently scheduled.

Prerequisites

CHEM 326 or permission of instructor.

CHEM 333 Chemical Biology

Units: 1

Description

Application of chemistry methods and techniques to the study of biological phenomena. Current topics in chemical biology, including how chemical methods help us probe disease development, how organic synthesis enables us to optimize drugs, and how we can manipulate biological systems to facilitate novel chemical syntheses. Provides a toolbox of innovative approaches to understanding biological problems.

Prerequisites  
Chemistry 326.

#### CHEM 342 Medicinal Chemistry

Units: 1

##### Description

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. Three lecture hours per week.

Prerequisites  
Chemistry 326.

#### CHEM 343 Organic Reactions and Mechanisms

Units: .5-1

##### Description

Topics may include reaction mechanisms, physical organic chemistry concepts, the development of catalysts for organic reactions, stereochemically controlled reactions, and/or the application of inorganic chemistry to organic reactions. Three lecture hours per week.

Prerequisites  
CHEM 206.

#### CHEM 344 Organic Synthesis

Units: .5-1

##### Description

Topics may include modern synthetic methods, organic reaction mechanisms, examples of syntheses from recent literature, and the design of synthetic approaches to target molecules of interest. Three lecture hours per week.

Prerequisites  
Chemistry 206.

#### CHEM 401 Quantum Mechanics

Units: 1

##### Description

(See PHYS 309-PHYS 310.) Please note that CHEM 401 (PHYS 309) may be used to satisfy program requirements in only one department. For example, it cannot count toward both a Physics major (or minor) and a Chemistry major (or minor).

#### CHEM 402 Quantum Mechanics

Units: 1

##### Description

(See PHYS 309-PHYS 310.) Please note that CHEM 402 (PHYS 310) may be used to satisfy program requirements in only one department. For example, it cannot count toward both a Physics major (or minor) and a Chemistry major (or minor).

#### CHEM 406 Summer Undergraduate Research

Units: 0

##### Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

##### Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

#### CHEM 417 Organometallic Chemistry

Units: 1

##### Description

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. Three lecture hours per week.

Prerequisites  
Chemistry 317 or permission of instructor.

#### CHEM 421 Senior Seminar

Units: 0

##### Description

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. One class hour per week.

Prerequisites  
Chemistry 322 or Biology 387.

#### CHEM 422 Senior Seminar

Units: .5

##### Description

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. One class hour per week.

Prerequisites  
Chemistry 421.

#### CHEM 427 Independent Study

Units: .25-1

##### Description

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.

#### CHEM 433 Special Topics

Units: .5-1

##### Description

Special course areas covered when sufficient interest exists. Considers subject matter not covered in other chemistry courses. See chemistry department home page ([chemistry.richmond.edu](http://chemistry.richmond.edu)) for special topics currently scheduled.

Prerequisites  
Permission of instructor.

## Chinese Studies Program

Department of Languages, Literatures, and Cultures

*Jessica Chan, Section Coordinator*

*Assistant Professors Chan, Gao*

*Affiliated Faculty: Geaney (Religion), Loo (History)*

This section contains information specific to courses taught in Chinese. Other courses relevant to the Chinese Studies major/minor are listed under Languages, Literatures, and Cultures (LLC). For full information regarding departmental policies relevant to all LLC programs, study abroad, and course sequencing, see the main page of the Department of Languages, Literatures, and Cultures.

### The Chinese Studies Major

Nine courses, including:

At least four language courses chosen from the following, one of which must be a 400-level course:

CHIN 301 Advanced Intermediate Chinese

CHIN 315 Myths and Parables in Chinese Literature and Film

CHIN 401 Topics in Advanced Chinese I

CHIN 402 Topics in Advanced Chinese II

CHIN 410 Business Chinese

CHIN 497 Selected Topics

Five elective courses chosen from the list below, including two LLC electives in conjunction with CLAC in Chinese. Up to two language courses at or above the 300-level may be counted as electives.

HIST 250 Modern East Asia 1600-1960

HIST 251 Chinese Revolutions

HIST 252 China Modern: 1900-1940

HIST 341 History and Memory: WWII in East Asia

LLC 225 Chinese Culture and Civilization

LLC 227 The Action Genre in East Asian Cinema

LLC 325 Revolution and Modernity in Chinese Literature

LLC 355 Chinese Cinema

PLSC 345 Politics of China, Hong Kong, and Taiwan

PLSC 357 International Relations of East Asia

RELG 253 Body/Sex in World Religious Literature

RELG 255 Queers in Religion

RELG 268 Religion and Literature

RELG 350 Dao of Sex

RELG 355 Selected Asian Religions

Students MUST complete an approved study abroad experience as part of the Chinese Studies major. The study abroad experience can be fulfilled through a summer study abroad program associated with the University of Richmond, or other summer or semester programs in Chinese universities approved by the Chinese Studies faculty.

Students must take one 400-level course in Chinese at the University of Richmond after they return from abroad.

Students can transfer up to five courses to fulfill their Chinese Studies major requirements.

### Cross-School Major in Chinese Studies and International Business

Nine courses and an interdisciplinary research project (IDST 379), in addition to completing all requirements of the international business concentration for the business administration major, including CHIN 410 Business Chinese, and

Four courses at the 300-level or above, chosen from:

CHIN 301 Advanced Intermediate Chinese

CHIN 302 Conversational Chinese

CHIN 401 Topics in Advanced Chinese I

CHIN 402 Topics in Advanced Chinese II

CHIN 497 Selected Topics

One semester full-time study in China or Taiwan at an approved university

The cross-school major in Chinese Studies and International Business represents a collaborative project between the Department of Languages, Literatures, and Cultures and the International Business Program in the Robins School of Business. Designated faculty members from each program will advise students upon declaration and as they progress through the major. The curriculum includes a semester abroad at one of the University's partner institutions (for example, Tsinghua University in Beijing or National Chengchi University in Taiwan). There, students will continue their course work in Chinese Studies and business in classes with both local and other international students.

To prepare for the experience abroad, students must have taken CHIN 202 or the equivalent. Upon returning to the University of Richmond, they will broaden their knowledge of literary and cultural studies through advanced seminars as well as additional Robins School of Business coursework. The Chinese component of this program thus consists of five courses at the 300-level or above taken on campus plus four

courses taken abroad, or the equivalent of a nine-course major in LLC.

### The Chinese 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- (1.7).

Five courses, including:

At least two language courses at the 300-level or above

Three elective courses from the list below. Up to two language courses at or above the 300-level may be counted as electives.

HIST 250 Modern East Asia 1600-1960

HIST 251 Chinese Revolutions

HIST 252 China Modern: 1900-1940

HIST 341 History and Memory: WWII in East Asia

LLC 225 Chinese Culture and Civilization

LLC 227 The Action Genre in East Asian Cinema

LLC 325 Revolution and Modernity in Chinese Literature

LLC 355 Chinese Cinema

PLSC 345 Politics of China, Hong Kong, and Taiwan

PLSC 357 International Relations of East Asia

RELG 253 Body/Sex in World Religious Literature

RELG 255 Queers in Religion

RELG 268 Religion and Literature

RELG 350 Dao of Sex

RELG 355 Selected Asian Religions

Studying abroad is strongly encouraged, but not required. Students can transfer up to three courses to fulfill their Chinese Studies minor requirements. Minors are strongly encouraged to take at least one 300 or 400-level language course on campus after studying abroad. Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted.

### Study Abroad

For students of Chinese, the department offers a summer study program in China. Semester or year study abroad at our partner institutions in Taiwan, Hong Kong, and Beijing is encouraged. For a complete list of study abroad options, contact the Office of International Education.

### Courses

CHIN 101 Elementary Chinese

Units: 1

Description

Introduction to standard Mandarin in cultural context; development of skills in listening, speaking, reading and writing.

CHIN 102 Elementary Chinese

Units: 1

Description

Introduction to standard Mandarin in cultural context; development of skills in listening, speaking, reading and writing.

Prerequisites

CHIN 101.

CHIN 201 Intermediate Chinese

Units: 1

Description

Reinforcement and expansion of skills in speaking, listening, reading, and writing. Appreciation of Chinese culture.

Prerequisites

CHIN 102.

CHIN 202 Intermediate Chinese

Units: 1

Fulfills General Education Requirement COM2

Description

Reinforcement and expansion of skills in speaking, listening, reading, and writing. Appreciation of Chinese culture.

Prerequisites

CHIN 201.

CHIN 301 Advanced Intermediate Chinese

Units: 1

Description

A continuation of Chinese 202. Focuses on the further development of the four language skills: listening, speaking, reading, and writing.

Prerequisites

CHIN 202.

CHIN 315 Myths and Parables in Chinese Literature and Film

Units: 1

Description

Advanced intermediate language course. Integrates language with pre-modern Chinese culture and philosophy by introducing students to Chinese myths, parables, and popular beliefs. Through close reading of selected tales written entirely in Chinese, introduces the core of Chinese thought: Confucianism (yujia), Taoism (daoija), and Buddhism (fojia). Viewing of modern and contemporary film adaptations of supernatural tales such as animation films that are based on the novel Journey to the West. Taught in Chinese. All films are subtitled in Chinese and English.

Prerequisites

CHIN 301.

CHIN 388 Individual Internship

Units: .5-1

Description



Internship experiences outside of the department in fields related to Chinese studies. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.  
Prerequisites  
Permission of department.

CHIN 389 Practice Assistantship

Units: .25

Description

Students lead practice sessions associated with the elementary and intermediate language sequence in Chinese. The practice assistantship does not count as credit toward the major or minor. Up to one unit can be applied toward graduation credit.

Prerequisites

Permission of department.

CHIN 401 Topics in Advanced Chinese I

Units: 1

Description

Exploration of themes and issues in contemporary Chinese culture including social issues, popular culture, traditions, politics, and history providing a range of views across culture boundaries.

Prerequisites

One 300-level course in Chinese or permission of instructor

CHIN 402 Advanced Chinese II

Units: 1

Description

Further refines Chinese syntax and develops academic writing skills sufficient to complete a research project in Chinese.

Prerequisites

CHIN 401 or permission of instructor

CHIN 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

CHIN 410 Business Chinese

Units: 1

Description

Designed for students who are interested in learning business Chinese. Focusing on topics of international business and foreign trade, the course offers advanced training in vocabulary, grammar, and rhetoric. The aim is to equip students with necessary language skills to function in the business world related to China.

Prerequisites

One 300-level course in Chinese or permission of instructor.

CHIN 495 Independent Study

Units: .5-1

Description

Special projects individually pursued under supervision of faculty member.

Prerequisites

Permission of instructor.

CHIN 497 Selected Topics

Units: 1

Description

Special interest topics offered at department's discretion. Recent topics include contemporary readings in culture, literature and history; and romance.

Prerequisites

CHIN 301 or permission of instructor.

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## Classical Studies

*Julie Laskaris, Chair*

*Professors Rankine, Simpson*

*Associate Professors Baughan, Laskaris, Stevenson*

*Assistant Professor Gunkel*

The Department of Classical Studies offers majors and minors in classical civilization, Greek language and literature and Latin language and literature. The Department supports the minors in Archaeology and Linguistics and the First-Year Seminar program. FYS's taught by our faculty can count towards our majors and minors (see list below). Several courses are offered that fulfill requirements in the Women, Gender, and Sexuality Studies Program and the Healthcare Studies Program. The Department values community-based learning and offers CBL components in some of its classes.

The Department of Classical Studies also offers three combined majors with the Department of English. The combined programs in Classics and English, Greek and English, and Latin and English are intended for students who wish to pursue in-depth work in both the classical and the English literary traditions.

### 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).

Nine units, including:

CLSC 306 The Classical Tradition (or approved CLSC substitute)

CLCV 498 Major Seminar

Seven units selected from courses offered by the Department of Classical Studies or approved courses in related fields

### The Classical Civilization Minor

Note: No course grade below C- (1.7) will count toward the minor.

Five units selected from courses offered by the Department of Classical Studies (excluding courses in Greek and Latin) or

approved courses in related fields, of which three must be in the Department of Classical Studies.

Students are expected to fulfill all prerequisites necessary for courses within the major or minor. Prerequisites do not count toward the major or minor unless otherwise noted.

**Approved Courses in Related Fields for the Classical Civilization Major or Minor**

ANTH ANTH 101 Introduction to Cultural Anthropology

ARTH 121 Survey I: Prehistory through the Middle Ages

ARTH 211 Byzantine Art and Architecture

ARTH 309 Image and Icon in Medieval Art

ARTH 310 Late Antique and Early Christian Art

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

ARTH 315 Art of the Italian Renaissance

ARTH 316 Art in the Age of Reform

ARTH 322 Museum Studies

ENGL 234 Shakespeare

ENGL 301 Literature of the Middle Ages

ENGL 302 Literature of the English Renaissance

ENGL 304 Shakespeare

ENGL 308 Interdisciplinary Studies in the Middle Ages and Renaissance

HIST 221 Classical Greece

HIST 222 Hellenistic Greece and Republican Rome

HIST 223 The Roman Empire

HIST 225 Medieval Italy

HIST 227 High Middle Ages

PHIL 271 Ancient Greek Philosophy

PHIL 281 Philosophy of Art

PLSC 311 Classical Political Thought

RELG 200 Symbol, Myth and Ritual

RELG 230 The History of Israel

RELG 241 Introduction to the New Testament

RELG 243 Ancient Mediterranean Religions

RELG 258 Religion & the Medieval Imagination

RELG 331 The Hebrew Prophets

RELG 332 Hebrew and Christian Wisdom Literature

RELG 341 Peter, Paul, (Mary) and Mary

RELG 342 Whores, Dragons, and the Anti-Christ: Revelation and the Apocalyptic Imagination

RELG 347 Women in Early Christianity

RELG 360 Goddess Traditions Ancient and Modern

Other courses considered at the coordinator's discretion.

**First-Year Seminars**

FYS 100 Death and Commemoration in Antiquity

Through literary texts, inscriptions, and monuments from the ancient Mediterranean (including Egypt and the Near East as well as Greece and Rome), we will explore ancient approaches to death and memorial and what these may tell us about ancient beliefs, social structures, and ideologies. Themes to be explored include: death and the "hero," the tomb monument as a source of memory, the language of burials, the symbolism of funerary rituals, the significance of funerary banquets, war memorials and communal graves, and beliefs concerning the "underworld" and afterlife.

FYS 100 Myth and Cult in Ancient Greece

Explores ritual practice in ancient Greece and its reflection in Greek myth. Students interested in classical studies, history, archaeology, art history, anthropology, religion, and literary studies will find it useful. Some main goals will be for students to learn the meanings and functions of ritual practice in Greek culture and to see how myth may elucidate those meanings and functions.

FYS 100 Socrates and His Legacies

Concerns the reappraisal of one of ancient Greece's best known figures, Socrates, whose historical significance is obscured by his fame. The philosophical dialogues written by Plato give so many vivid images of Socrates, that we can hardly help believing that he looked and sounded and thought just as Plato says. The ancient sources, however, are not unified on the question of the historical Socrates, and they gave rise to contrary traditions of Socratic influence that have been as important as Platonic philosophy.

FYS 100 Wining and Dining in the Ancient Mediterranean

From sacrificial feasts to private dinner parties, banqueting played a critical role in ancient societies. Food and drink were shared with the gods, the dead, and the living community. Ways of eating and drinking served to construct, define, and negotiate relationships of power, status, and friendship. In this seminar, we will explore the social and cultural significance of banqueting and conviviality in the ancient Mediterranean world, from the Bronze Age through the

Byzantine era, using primary ancient sources that depict and discuss eating, drinking, and partying.

### Required Course for the Classical Civilization Major

CLCV 498 Major Seminar

Units: 1

Description

Methodologies appropriate to the study of classical civilization and the writing of a research paper.

Prerequisites

Permission of department.

### Courses Offered in English for Classical Civilization Major and Minor

CLSC CLSC 101 Classical Mythology

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Introduces students to the myths of the ancient Greeks and Romans and to some of the modern theoretical and interpretive approaches to them.

CLSC 201 Classical Elements in the English Language

Units: 1

Description

A study of how Latin and Greek have contributed to English vocabulary -- basic, learned, and technical. In addition to developing the skill of seeing within English words meaningful prefixes, roots, and suffixes, topics of interest include the history of English, the expansion of English vocabulary via borrowing and neologism, and the ways words' meanings may change over time.

CLSC 205 Ancient Myth in Epic Poetry

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Selected mythic themes in epic literature, drawing especially from the literary traditions of the Greeks and Romans, with possible comparison to the epic poetry of the Near East and India. WGSS special cross-list.

CLSC 207 Greek Magic

Units: 1

Fulfills General Education Requirement (FSHT)

Description

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. WGSS special cross-list.

CLSC 208 Mythology: Greek Drama

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Study of myths preserved in Greek dramas, and historical and literary analysis of these plays. Authors read may include Aeschylus, Sophocles, Euripides, and Aristophanes.

CLSC 210 A History of Early Medicine

Units: 1

Description

Medical concepts and practices of several ancient peoples of the Aegean and Mediterranean, with a focus on the Greeks and Romans. The development of medicine in the medieval East and West and in the later Western tradition. WGSS special cross-list. May be applied to the Health Care Studies major/minor.

CLSC 212 Dining and Drinking in Classical Antiquity

Units: 1

Fulfills General Education Requirement FSSA

Description

A social history of eating and drinking in the ancient Mediterranean world, from communal religious feasts to private banquets.

CLSC 220 Introduction to Archaeology

Units: 1

Fulfills General Education Requirement FSSA

Description

What can we learn about people and societies, past and present, from their material remains? Introduces archaeological method and theory, with special focus on sites of the ancient Mediterranean basin.

CLSC 250 Introduction to Syntax

Units: 1

Fulfills General Education Requirement (FSSR)

Description

Analysis of how words are combined to form phrases and sentences. Translation of syntactic structures into symbolic systems; modification of systems to model increasingly complex data. Requires no mathematics.

CLSC 252 Introduction to Indo-European Linguistics

Units: 1

Fulfills General Education Requirement FSHT

Description

Familiarizes students with the Indo-European language family, its history, its textual artefacts, and the cultures that produced them; also introduces students to the methods used by working Indo-Europeanists. Readings, lectures, and discussions cover the grammar reconstructed for proto-Indo-European (PIE) as well as its vocabulary, which facilitates reconstruction of PIE culture (e.g. law, family structure, mythology, and various other aspects of the way of life of PIE speakers). Also explores the results of cross-disciplinary collaboration between IE linguistics and archaeology.

CLSC 301 Greek Art and Archaeology

Units: 1

Fulfills General Education Requirement (FSVP)

Description

A survey of architecture, sculpture, ceramics, and painting in the Greek world, from the Bronze Age through the Classical period, and an exploration of how art and buildings functioned in Greek society. Introduces students to basic methods of analyzing and interpreting archaeological remains. WGSS special cross-list.

CLSC 302 Roman Art and Archaeology

Units: 1

Fulfills General Education Requirement (FSVP)

Description

A survey of Roman art and architecture from the early republic through the late empire, and throughout the Roman world, from Spain to Syria. Explores the meanings of 'style' in Roman art and the social and political significance of Roman sculpture, painting, and architecture. WGSS special cross-list.

CLSC 306 The Classical Tradition

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Legacy of classical Greece and Rome in Medieval, Renaissance, and modern worlds.

CLSC 308 Ethnicity, Gender, and Class in Greece and Rome

Units: 1

Fulfills General Education Requirement (FSSA)

Description

Structure of Greek and Roman societies based on analysis of their constructions of ethnicity, gender, and class. WGSS special cross-list.

CLSC 320 Cultural Property: Archaeology, Ethics, and Law

Units: 1

Description

Exploration of current issues of archaeological ethics and cultural heritage management. Topics range from the ancient history of looting and appropriation to the illicit antiquities market and site preservation today, and how local and international property and tax laws affect collecting practices. Same as LAWE 647.

CLSC 321 Archaeology of the Middle East

Units: 1

Description

Art and cultures of the ancient Middle East, from the dawn of civilization to the age of Alexander, with a primary focus on Mesopotamia, Anatolia, and Syro-Palestine. Also considers how cultural heritage has played a role in the history of archaeology and the creation of modern identities, and how it may be used in varying ways today as 'cultural capital.'

CLSC 329 The Ancient World in Cinema

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Examines cinematic representations of the ancient Greek and Roman Mediterranean, viewed through a variety of literary and cinematic genres in European and American cinema of the 20th Century. The films offer an opportunity to reflect on how our various modern visions of (and desires for) the ancient world illuminate the present as much as they animate the past. Students will read selections from Greek and Roman history and poetry (in translation) in conjunction with weekly viewings and written assignments; secondary readings will be drawn from contemporary film criticism and theory.

CLSC 388 Individual Internship

Units: .5-1

Description

Supervised independent work. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of department.

CLSC 398 Selected Topics

Units: 1

Description

Topics or themes in Classics.

CLSC 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor and permission of department.

CLSC 499 Independent Study

Units: .5-1

Description

Content suited to the requirements and interests of student, chosen by student and faculty director in advance of the semester in which the independent study is to be done.

Prerequisites

Permission of department.

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## Cognitive Science

*Matthew Lowder, Coordinator (Psychology)*

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 is offered as a Bachelor of Arts degree only.

### 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).

12 units, including:

PSYC 100 Introduction to Psychological Science

PSYC 200 Methods and Analyses

PSYC 331 Behavioral Neuroscience

PSYC 333 Cognitive Science or PSYC 337 Human Cognition

PSYC 341 Cognitive Neuroscience

Two additional foundation courses chosen from:

CMSC 101 Minds and Machines

CMSC 150 Introduction to Computing or CMSC 155  
Introduction to Scientific Computing

LING 203 Introductory Linguistics

PHIL 370 Philosophy of Mind

One advanced senior-level course chosen from:

BIOL 391 Senior Seminar

CMSC 395 Artificial Intelligence

PSYC course in the 433-449 range

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 343 Psycholinguistics

PSYC 361 Independent Research

PSYC course in the 433-449 range

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

### Combined Majors

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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 and conduct independent research.

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

### English/Classical Studies

Note: A grade of C (2.0) is required in all coursework comprising the major.

15.5 units, including:

Eight courses in Classics, including:

CLSC 205 Ancient Myth in Epic Poetry

CLSC 208 Mythology: Greek Drama

CLSC 306 The Classical Tradition (or approved CLSC substitute)

Two other literature classes in classics (may include language classes at the 200 level or higher)

A minimum of three other classics department courses

Seven courses in English, including:

ENGL 297 Literature in Context: Genre and Mode

ENGL 298 Literature in Context: Texts in History

One 300-level course from Group A (literature before the early to mid-19th century)

One 300-level course from Group B (literature after the early to mid-19th century)

Two additional courses at the 300 level

ENGL 400 Junior/Senior Seminar

IDST 379 Combined Major Project/Portfolio

A senior writing project (taken for one half unit as IDST 379) on a comparative topic dealing with literatures in Latin or Greek and English will be required. The paper must be 20-30 pages long and will make significant use of primary and secondary sources, and will be conducted through independent study. Students should select a focus for the writing project no later than spring of the junior year, and will have two supervisors, 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 supervisors as the primary supervisor, and this supervisor will have primary responsibility for determining the student's grade on the writing project after considering an evaluation and a suggested grade supplied by the second supervisor. If there is sharp disagreement between the two supervisors over the final grade, the primary supervisor's departmental chairperson will appoint a third reader/grader, whose decision will break the deadlock between the first and second supervisors.

### English/French Major



Note: A grade of C (2.0) is required in all coursework comprising the major.

14 courses and a senior project to be distributed as follows:

Seven courses in French, including:

FREN 305 Writing in French through Culture and Literature

Three courses selected from:

FREN 320 The Individual in Society;

FREN 324 Francophone Cultures and Literatures;

FREN 325 The Origins of France;

FREN 326 Revolution in France;

FREN 327 The Question of Modernity

Three 400-level courses in literature/culture

Seven courses in English, including:

ENGL 297 Literature in Context: Genre and Mode

ENGL 298 Literature in Context: Texts in History

One 300-level course from Group A (literature before the early to mid-19th century)

One 300-level course from Group B (literature after the early to mid-19th century)

Two additional courses at the 300 level

ENGL 400 Junior/Senior Seminar

IDST 379 Combined Major Project/Portfolio

A senior writing project (taken for one half unit as IDST 379) on a comparative topic dealing with literatures in French and English will be required. The paper must be 20-30 pages long and will make significant use of primary and secondary sources, and will be conducted through independent study. Students should select a focus for the writing project no later than spring of the junior year, and will have two supervisors, one from the English department and one from the French department. By the beginning of senior year, the student should designate one of the supervisors as the primary supervisor, and this supervisor will have primary responsibility for determining the student's grade on the writing project after considering an evaluation and a suggested grade supplied by the second supervisor. If there is sharp disagreement between the two supervisors over the final grade, the primary supervisor's departmental chairperson will appoint a third reader/grader, whose decision will break the deadlock between the first and second supervisors.

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

Note: A grade of C (2.0) is required in all coursework comprising the major.

14 courses and a senior project distributed as follows:

Seven courses in German, including:

GERM 321 Introduction to German Literature

Two additional 300-level courses

Two 400-level courses

Three electives, selected from a list of approved LLC courses with a CLAC in German or 300-level German courses

Seven courses in English, including:

ENGL 297 Literature in Context: Genre and Mode

ENGL 298 Literature in Context: Texts in History

One 300-level course from Group A (literature before the early to mid-19th century)

One 300-level course from Group B (literature after the early to mid-19th century)

Two additional courses at the 300 level

ENGL 400 Junior/Senior Seminar

IDST 379 Combined Major Project/Portfolio

A senior writing project (taken for one half unit as IDST 379) on a comparative topic dealing with literatures in German and English will be required. The paper must be 20-30 pages long and will make significant use of primary and secondary sources, and will be conducted through independent study. Students should select a focus for the writing project no later than spring of the junior year, and will have two supervisors, one from the English department and one from the German department. By the beginning of senior year, the student should designate one of the supervisors as the primary supervisor, and this supervisor will have primary responsibility for determining the student's grade on the writing project after considering an evaluation and a suggested grade supplied by the second supervisor. If there is sharp disagreement between the two supervisors over the final grade, the primary supervisor's departmental chairperson will appoint a third reader/grader, whose decision will break the deadlock between the first and second supervisors.

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

Note: A grade of C (2.0) is required in all coursework comprising the major.

15.5 units, including:

Eight courses in Greek, including:

CLSC 306 The Classical Tradition (or approved CLSC substitute)

Seven courses in Greek language and literature

Seven courses in English, including:

ENGL 297 Literature in Context: Genre and Mode

ENGL 298 Literature in Context: Texts in History

One 300-level course from Group A (literature before the early to mid-19th century)

One 300-level course from Group B (literature after the early to mid-19th century)

Two additional courses at the 300 level

ENGL 400 Junior/Senior Seminar

IDST 379 Combined Major Project/Portfolio

A senior writing project (taken for one half unit as IDST 379) on a comparative topic dealing with literatures in Greek and English will be required. The paper must be 20-30 pages long and will make significant use of primary and secondary sources, and will be conducted through independent study. Students should select a focus for the writing project no later than spring of the junior year, and will have two supervisors, one from the English department and one from the Greek department. By the beginning of senior year, the student should designate one of the supervisors as the primary supervisor, and this supervisor will have primary responsibility for determining the student's grade on the writing project after considering an evaluation and a suggested grade supplied by the second supervisor. If there is sharp disagreement between the two supervisors over the final grade, the primary supervisor's departmental chairperson will appoint a third reader/grader, whose decision will break the deadlock between the first and second supervisors.

### English/Latin

Note: A grade of C (2.0) is required in all coursework comprising the major.

15.5 units, including

Eight courses in Latin, including:

CLSC 306 The Classical Tradition (or approved CLSC substitute)

Seven courses in Latin language and literature

Seven courses in English, including:

ENGL 297 Literature in Context: Genre and Mode

ENGL 298 Literature in Context: Texts in History

One 300-level course from Group A (literature before the early to mid-19th century)

One 300-level course from Group B (literature after the early to mid-19th century)

Two additional courses at the 300 level

ENGL 400 Junior/Senior Seminar

IDST 379 Combined Major Project/Portfolio

A senior writing project (taken for one half unit as IDST 379) on a comparative topic dealing with literatures in Latin and English will be required. The paper must be 20-30 pages long and will make significant use of primary and secondary sources, and will be conducted through independent study. Students should select a focus for the writing project no later than spring of the junior year, and will have two supervisors, one from the English department and one from the Latin department. By the beginning of senior year, the student should designate one of the supervisors as the primary supervisor, and this supervisor will have primary responsibility for determining the student's grade on the writing project after considering an evaluation and a suggested grade supplied by the second supervisor. If there is sharp disagreement between the two supervisors over the final grade, the primary supervisor's departmental chairperson will appoint a third reader/grader, whose decision will break the deadlock between the first and second supervisors.

### English/Theatre

Note: A grade of C (2.0) is required in all coursework comprising the major.

14.5 units, including

Seven courses in theatre, to include

THTR 205 Production Studies I

THTR 203 Introduction to Lighting and Sound, or THTR 206 Introduction to Costume, or THTR 301 Scene Design

THTR 212 Basics of Acting or THTR 308 Basics of Directing

THTR 306 Production Studies II

THTR 309 Theatre History I or THTR 319 Theatre History II

THTR 370 Staging Gender, THTR 210 Performing Diversity, or THTR 229 Going Solo: The Politics of Identity in Contemporary Solo Performance, or THTR 239 Latina/os On Stage: From the Barrios to Broadway, or THTR 320 Twentieth-Century Acting Styles and Theory

THTR 407 Production Studies III

Seven courses in English, to include

ENGL 297 Literature in Context: Genre and Mode

ENGL 298 Literature in Context: Texts in History

One 300-level course from Group A (literature before the early to mid-19th century)

One 300-level course from Group B (literature after the early to mid-19th century)

Two additional courses at the 300 level

ENGL 400 Junior/Senior Seminar

IDST 379 Combined Major Project/Portfolio

A senior writing project (taken for one half unit as IDST 379) on a comparative topic dealing with Theatre and English will be required. The paper must be 20-30 pages long and will make significant use of primary and secondary sources, and will be conducted through independent study. Students should select a focus for the writing project no later than spring of the junior year, and will have two supervisors, one from the English department and one from the Theatre department. By the beginning of senior year, the student should designate one of the supervisors as the primary supervisor, and this supervisor will have primary responsibility for determining the student's grade on the writing project after considering an evaluation and a suggested grade supplied by the second supervisor. If there is sharp disagreement between the two supervisors over the final grade, the primary supervisor's departmental chairperson will appoint a third reader/grader, whose decision will break the deadlock between the first and second supervisors.

Please note the following caveats:

- No single course can count in two categories.
- Students in the combined major cannot also minor in Theatre or English.

### English/Women, Gender and Sexuality Studies

Note: A grade of C (2.0) is required in all coursework comprising the major.

13.5 units, including

Six courses in Women, Gender and Sexuality Studies, to include

WGSS 200 Introduction to Women, Gender & Sexuality Studies

WGSS 489 Research Methods and Capstone Preparation

Four additional WGSS electives (not from the English Department) at least two of which must be above the 200-level

Seven courses in English, to include

ENGL 297 Literature in Context: Genre and Mode

ENGL 298 Literature in Context: Texts in History

One 300-level course from Group A (literature before the early to mid-19th century)

One 300-level course from Group B (literature after the early to mid-19th century)

Two additional courses at the 300-level

ENGL 400 Junior/Senior Seminar

IDST 379 Combined Major Project/Portfolio

A senior writing project (taken for one half unit as IDST 379) on a topic related to both English and Women, Gender, and Sexuality Studies will be required. The paper must be 20-30 pages long and will make significant use of primary and secondary sources, and will be conducted through independent study. Students should select a focus for the writing project no later than spring of the junior year, and will have two supervisors, one from the English department and one approved by the Women's Studies board, who is not from the English department. By the beginning of senior year, the student should designate one of the supervisors as the primary supervisor, and this supervisor will have primary responsibility for determining the student's grade on the writing project after considering an evaluation and a suggested grade supplied by the second supervisor. If there is sharp disagreement between the two supervisors over the final grade, the primary supervisor's departmental chairperson will appoint a third reader/grader, whose decision will break the deadlock between the first and second supervisors.

No more than one unit of internship credit in women, gender, and sexuality studies will be counted towards the combined major.

### Comparative Literature

#### 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.

Seven units, including:

One upper level English or Languages, Literatures, and Cultures course (approved by the Concentration Coordinator) which focuses on the comparative and/or interdisciplinary study of a particular genre, theme, or historical period.

Three upper-level literature courses from the languages, literatures, and cultures, Latin American, Latino, and Iberian Studies, or classical studies departments, in the original language

Two courses in fields outside of literature (Students will choose from ancillary fields such as philosophy, art history, religious studies, etc., in support of their research concentration, and subject to approval of concentration coordinator.)

A one unit independent study culminating in a substantial research project; honors students can use this research project as their honors thesis.

## Computer Science

Department of Mathematics and Computer Science

*Kathy Hoke, Chair*

*Professors Charlesworth, Davis, Dumbaugh, K. Hoke, Kvam, Lawson, Nall, Ross*

*Associate Professors Barnett, Caudill, Kerkechov, Shan, Szajda, Wares*  
*Assistant Professors Arnold, Bhakta, Denny, Krebbiel, LeCrone, Russell*

*Director of Introductory Mathematics: H. Hoke*

### The Computer Science Major

Note: The grade point average of the coursework comprising the major must be no less than 2.00 with no computer science course grade below C- (1.70). Students are strongly advised to consult with faculty in planning their major curriculum.

#### For the Bachelor of Arts degree

11.5 units, including

CMSC 150 or CMSC 155 Introduction to Computing or Scientific Computing or MATH 190 Integrated Science/Math/Computer Science 2 with Laboratory

CMSC 221 Data Structures with Lab

CMSC 222 Discrete Structures for Computing

CMSC 240 Software Systems Development

CMSC 301 Computer Organization

CMSC 315 Algorithms

CMSC 323 Design and Implementation of Programming Languages

Three additional 1-unit CMSC electives at the 300 level. Without departmental approval, no more than one of these courses can be an Independent Study course.

MATH 211 Calculus I

MATH 245 Linear Algebra

#### For the Bachelor of Science degree

14.5 units, including:

CMSC 150 or CMSC 155 Introduction to Computing or Scientific Computing or MATH 190 Integrated Science/Math/Computer Science 2 with Laboratory

CMSC 221 Data Structures with Lab

CMSC 222 Discrete Structures for Computing

CMSC 240 Software Systems Development

CMSC 301 Computer Organization

CMSC 315 Algorithms

CMSC 323 Design and Implementation of Programming Languages

Three additional 1-unit CMSC electives at the 300 level. Without departmental approval, no more than one of these courses can be an Independent Study course.

MATH 211 Calculus I

MATH 212 Calculus II or MATH 232 Scientific Calculus II

MATH 245 Linear Algebra

Two units at the 300 level or above in mathematics or two units (or more) beyond the introductory level in one of the following fields: physics (200 level or above), chemistry (200 level or above), or biology (beyond 205).

Note: Any MATH and CMSC double-major, or MATH major with CMSC minor, having earned at least an A- in MATH 300 may exempt from CMSC 222 but is required to complete an additional CMSC 300-level elective to complete the CMSC major or minor.

#### The Computer Science Minor

Note: The grade point average of the coursework comprising the minor must be no less than 2.00 with no computer science course grade below C- (1.70). Students are strongly advised to consult with faculty in planning their minor curriculum.

Five and a half units, including:

CMSC 150 Introduction to Computing or CMSC 155 Scientific Computing or MATH 190 Integrated Science/Math/Computer Science 2 with Laboratory

CMSC 221 Data Structures with Lab

CMSC 222 Discrete Structures for Computing

CMSC 240 Software Systems Development

CMSC 301 Computer Organization or CMSC 315 Algorithms

One elective unit chosen from:

A 1-unit 300-level Computer Science elective or

A 1-unit computationally intensive upper level course from another department approved by the computer science faculty.

### Honors Program

Students invited into the honors program may earn honors in computer science by completing the following requirements:

1. Two 300-level courses for honors credit (one of which has a 300-level prereq: 321, 322, 323, 326, 330, 331, 332, 333, 334, 335, 344);
2. Two semesters of directed independent study (CMSC 340)
3. Honors paper

### Courses

CMSC 101 Minds and Machines

Units: 1

Fulfills General Education Requirement (FSSR)

Description

Formal deduction in propositional logic. The fundamentals of computer architecture. An elementary exploration of the extent to which symbolic reasoning can be automated, including a consideration of related results in fields such as neuroscience and artificial intelligence. Three lecture hours and one laboratory hour per week.

CMSC 105 Elementary Programming with Lab

Units: 1

Fulfills General Education Requirement (FSSR)

Description

Solving problems by writing computer programs. Introduction to computer architecture. Emphasis on symbolic reasoning using examples from a particular computing context. For non-majors. Not open to students who have completed any computer science course that fulfills major requirements. Three lecture hours and one laboratory hour per week.

CMSC 150 Introduction to Computing

Units: 1

Fulfills General Education Requirement (FSSR)

Description

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, and file I/O. Three lecture hours and two laboratory hours per week. A student may not receive credit for both CMSC 150 and CMSC 155. Students who have received credit for courses numbered CMSC 221 or higher may not take CMSC 150 for credit. Note: Knowledge of the topics of CMSC 150, CMSC 155, or MATH 190 (IQS) is a prerequisite to all higher numbered Computer Science courses.

CMSC 155 Introduction to Scientific Computing

Units: 1

Fulfills General Education Requirement (FSSR)

Description

Same course as CMSC 150 but with greater emphasis on programming applications in the sciences. A student may not receive credit for both CMSC 150 and CMSC 155. Students who have received credit for courses numbered CMSC 221 or higher may not take CMSC 155 for credit. Note: Knowledge of the topics of CMSC 150, CMSC 155, or MATH 190 (IQS) is a prerequisite to all higher numbered Computer Science courses.

Prerequisites

MATH 211

CMSC 190 Integrated Math/Science/Computer Science with Lab

Units: 0

Description

One of two courses taught fall semester as part of the Integrated Quantitative Science program. Each semester of the course will be organized around a guiding principle that integrates several concepts. Along with co-requisites, will include ten hours for lecture and lab combination.

Prerequisites

Acceptance to Intergrated Quantitative Science course. Co-requisite: Math 190.

CMSC 195 Special Topics

Units: .25-1

Description

Special topics satisfying neither major nor minor requirements.

CMSC 221 Data Structures with Lab

Units: 1

Fulfills General Education Requirement (FSSR)

Description

Introduction to data structures, including stacks, queues, linked lists, and binary trees. Topics include abstraction, object-oriented programming, recursion, and computational complexity. Three lecture hours and two laboratory hours per week.

Prerequisites

CMSC 150 or CMSC 155 or MATH 190.

CMSC 222 Discrete Structures for Computing with Lab



Units: 1

Description

Sets, functions, elementary propositional and predicate logic, elementary graph theory, recurrence relations, proof techniques (including mathematical induction and proof by contradiction), combinatorics, probability, and random numbers, with applications to computing. Three hours lecture and one hour lab per week.

Prerequisites

CMSC 150 or 155 or MATH 190.

CMSC 240 Software Systems Development

Units: .5

Description

Introduction to techniques necessary for development of large-scale software systems, including design of software systems, adapting to legacy code, testing, debugging, and group work. Introduction to the C++ programming language, including pointers, dynamic memory allocation, and the C++ Standard Template Library (STL). One and one-half lecture hours and one laboratory hour per week.

Prerequisites

CMSC 221.

CMSC 288 Computer Science Apprenticeship

Units: .25-.5

Description

Participation in development of software, with supervision of computer science faculty. Does not count for computer science major or minor. No more than a total of 1.5 units of CMSC 288 may count toward the total number of units required for a degree.

CMSC 301 Computer Organization

Units: 1

Description

Fundamentals of computer organization. Topics include instruction and, data representations, assembly language, processor data path design, memory systems and I/O. Also includes examination of how software characteristics impact hardware design and optimization. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 221 and CMSC 240 (CMSC 240 may be taken concurrently)

CMSC 315 Algorithms

Units: 1

Description

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. Three lecture hours and one laboratory hour per week.

Prerequisites

CMCS 221 and CMSC 222.

CMSC 321 Operating Systems

Units: 1

Description

Structure of operating systems, process management, memory management, file systems, and case studies. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 222 and CMSC 301.

CMSC 322 Software Engineering Practicum

Units: 1

Description

Project-oriented course. Principles of software engineering will be emphasized throughout. Three lecture hours and one laboratory hour per week.

Prerequisites

Two courses at the 300 level that have CMSC 301 or CMSC 315 as a prerequisite, or permission of instructor.

CMSC 323 Design and Implementation of Programming Languages

Units: 1

Description

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. Three lecture hours and one laboratory hour per week.

Prerequisites

Senior standing and CMSC 301 and CMSC 315, or permission of instructor.

CMSC 325 Database Systems

Units: 1

Description

Introduction to systematic management of data: design and implementation of relational databases, data modeling, normalization, indexing, relational algebra, query processing, and transaction management. Programming projects include substantial use of SQL and its extensions. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 221 and CMSC 222.

CMSC 326 Simulation

Units: 1

Description

Introduction to simulation. Discrete-event simulation, Monte Carlo simulation, simulation of queuing and inventory systems, random number generation, discrete and continuous stochastic models, elementary statistics, point and interval parameter estimation, and input modeling techniques. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 222 and CMSC 301.

CMSC 327 Machine Learning

Units: 1

Description

The mathematics and computer programming underlying practical machine learning applications, and how to construct and evaluate the quality of such systems. Linear and logistic regression, artificial neural networks, support vector machines, K-means clustering. Other topics within Artificial Intelligence as time permits. Programming projects. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 221, MATH 211, and MATH 245.

CMSC 328 Numerical Analysis

Units: 1

Description

(See MATH 328.)

CMSC 330 Theory of Computation

Units: 1

Description

Finite state machines, regular languages, push-down automata, and context-free languages. Turing machines, recursive functions, and related topics. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 315.

CMSC 331 Introduction to Compiler Construction

Units: 1

Description

Regular languages, context-free languages, finite automata, push-down automata, lexical analysis, parsing, intermediate representation, and code generation. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 222 and CMSC 301.

CMSC 332 Computer Networks

Units: 1

Description

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. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 301.

CMSC 333 Parallel Programming

Units: 1

Description

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. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 222 and CMSC 301.

CMSC 334 Computer Security

Units: 1

Description

Theory, mechanisms, and implementation of computer security and data protection. Topics include encryption and authentication, program and language security, operating system security, and network security. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 301, or permission of instructor.

CMSC 335 Computer Graphics

Units: 1

Description

Device independent two- and three-dimensional computer graphics, interactive graphics, user interfaces, and human factors. Consideration of advanced modeling and rendering. Three lecture hours and one laboratory hour per week.

Prerequisites

MATH 245 and CMSC 222 and CMSC 301.

CMSC 340 Directed Independent Study

Units: .25-1

Description

To enable well-qualified students who have completed basic requirements for major to work independently in areas not included in curriculum.

Prerequisites

Permission of department chair and instructor.

CMSC 344 Advanced Computer Architecture

Units: 1

Description

Introduction to different computer architecture types and the resource demands created by their respective application domains. Discussion of superscalar processors, cache-coherence multiprocessor systems, graphics processing units, embedded systems, and network processors. Material includes reading and discussion of technical papers as well as programming projects on several different architectures. Three lecture hours and one laboratory hour per week.

Prerequisites

CMSC 301

CMSC 388 Individual Internship

Units: .25-1

Description

No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of department chair.

CMSC 395 Selected Topics

Units: .5-1

Description

Selected topics in Computer Science

Prerequisites

Permission of instructor.

CMSC 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor.

## Creative Writing

Department of English

*David Stevens, Chair*

*Professors Ashe, Bronder, Givens, Henry, Schwartz, Siebert*

*Associate Professors Cheever, Gruner, Lurie, MacAllister, Outka,*

*Pelletier, Russell, Singh, Stevens*

*Assistant Professor Manganaro*

*Director of Writing Center Essid*

*Director of the Bridge to Success Program Snaza*

### The Creative Writing Minor

Note: A grade of C (2.0) or better is required in all coursework comprising the creative writing minor. Each writing course beyond English 200 may be taken up to three times for credit.

Six units, including:

CRWR 200 Introduction to Creative Writing

Four courses, chosen from the following:

CRWR 385 Fiction Writing

CRWR 386 Poetry Writing

CRWR 390 Literary Translation

CRWR 392 Creative Nonfiction Writing

CRWR 397 Selected Topics in Writing

CRWR 401 Creative Writing Portfolio

One additional 200- or 300-level English course, either in literature, writing, or editing OR one of these courses from another department:

FREN 324 Francophone Cultures and Literature

FREN 461 From Modern to Postmodern

LAIS 332 Introduction to Latin American Literature II

LAIS 462 Visions of Contemporary Spain

LAIS 472 Latin American Theater

LAIS 474 Contemporary Writing in Latin America

LAIS 477 Literature of the Spanish-Speaking Caribbean

LAIS 486 U.S. Latino/a Literature

LLC 322 Introduction to Twentieth-Century and Contemporary Russian Literature

THTR 325 Script Analysis

VMAP 257 Artist Book

### Courses

CRWR 200 Introduction to Creative Writing

Units: 1

Description

Same as ENGL 200.

CRWR 385 Fiction Writing

Units: 1

Description

Same as ENGL 385.

Prerequisites

English 200 with a grade of C or better.

CRWR 386 Poetry Writing

Units: 1

Description

Same as ENGL 386.

Prerequisites

ENGL 200 with a grade of C or better.

CRWR 390 Literary Translation

Units: 1

Description

Introduces students to the history, theory, and practice of translation, with a particular emphasis on translation after 1900.

Prerequisites

One 200-level English course or 300-level LLC or LAIS course with a grade of C or better.

CRWR 392 Creative Nonfiction Writing

Units: 1

Description

Same as ENGL 392.

Prerequisites

English 200 with a grade of C or better.

CRWR 397 Selected Topics in Writing

Units: 1

Description

Same as ENGL 397.

Prerequisites

English 200 with a grade of C or better.

CRWR 401 Creative Writing Portfolio

Units: 1

Description

Same as ENGL 401.

Prerequisites

One of the following: English 385, 386, 387, 392, or 397.

## Cultures and Languages Across the Curriculum

Cultures and Languages Across the Curriculum (C-LAC) offers quarter unit, pass/fail courses in a variety of languages. C-LAC sections are small discussion groups taught by a faculty member or by selected international or bilingual students called C-LAC Assistants. All C-LAC sections are offered in conjunction with primary courses throughout the curriculum, including FYS, political science/social sciences, arts/literatures, science/health, business administration, professional and continuing studies, and leadership studies. The purpose of C-LAC sections is to provide Richmond

students with opportunities for cross-linguistic and cross-cultural engagement experiences within different disciplines.

C-LAC sections may emphasize reading and/or conversation in the target language, independent research/writing projects, or a combination of these. They should normally meet at least ten times during the semester, each session lasting approximately one hour. However, C-LAC sections that center around research/writing projects and require significant independent work may meet a minimum of five times during the course of the semester. A C-LAC course will not count toward a major or minor unless specified within the curricular guidelines of a particular department or program. No more than one unit of C-LAC credit may count toward the total number of units required for a degree.

### Courses

CLAC 250 Spanish: Cultures and Languages Across the Curriculum

Units: .25

#### Description

Students will be guided in their study and discussion of authentic Spanish materials relevant to materials in the primary course. Pass/fail grade only.

#### Prerequisites

COM2 proficiency in Spanish or permission of instructor and registration in the course to which the CLAC section is connected or having taken the primary course in the past. Some exceptions might be made.

CLAC 251 French: Cultures and Languages Across the Curriculum

Units: .25

#### Description

Students will be guided in their study and discussion of authentic French materials relevant to materials in the primary course. Pass/fail grade only.

#### Prerequisites

COM2 proficiency in French or permission of instructor and registration in the course to which the CLAC section is connected or having taken the primary course in the past. Some exceptions might be made.

CLAC 252 Italian: Cultures and Languages Across the Curriculum

Units: .25

#### Description

Students will be guided in their study and discussion of authentic Italian materials relevant to materials in the primary course. Pass/fail grade only.

#### Prerequisites

COM2 proficiency in Italian or permission of instructor and registration in the course to which the CLAC section is connected or having taken the primary course in the past. Some exceptions might be made.

CLAC 253 German: Cultures and Languages Across the Curriculum

Units: .25

#### Description

Students will be guided in their study and discussion of authentic German materials relevant to materials in the primary course. Pass/fail grade only.

#### Prerequisites

COM2 proficiency in German or permission of instructor and registration in the course to which the CLAC section is connected or having taken the primary course in the past. Some exceptions might be made.

CLAC 254 Russian: Cultures and Languages Across the Curriculum

Units: .25

#### Description

Students will be guided in their study and discussion of authentic Russian materials relevant to materials in the primary course. Pass/fail grade only.

#### Prerequisites

COM2 proficiency in Russian or permission of instructor and registration in the course to which the CLAC section is connected or having taken the primary course in the past. Some exceptions might be made.

CLAC 255 Chinese: Cultures and Languages Across the Curriculum

Units: .25

#### Description

Students will be guided in their study and discussion of authentic Chinese materials relevant to materials in the primary course. Pass/fail grade only.

#### Prerequisites

COM2 proficiency in Chinese or permission of instructor and registration in the course to which the CLAC section is connected or having taken the primary course in the past. Some exceptions might be made.

CLAC 256 Japanese: Cultures and Languages Across the Curriculum

Units: .25

#### Description

Students will be guided in their study and discussion of authentic Japanese materials relevant to materials in the primary course. Pass/fail grade only.

#### Prerequisites

COM2 proficiency in Japanese or permission of instructor and registration in the course to which the CLAC section is connected or having taken the primary course in the past. Some exceptions might be made.

CLAC 257 Cultures and Languages Across the Curriculum: Other

Units: .25

#### Description

Students will be guided in their study and discussion of authentic materials in another language relevant to materials in the primary course. Pass/fail grade only.

#### Prerequisites

Permission of department and registration in the course to which the CLAC section is connected or having taken the primary course in the past. Some exceptions might be made.

CLAC 388 CLAC Internship

Units: .25

#### Description

Selected CLAC assistants lead Languages Across the Curriculum sections of courses in various languages. Internship credit does not count toward a major or minor in the language. No more than 1.5 units of internship in any one

department and 3.5 units of internship overall may be counted toward required degree units.

**Prerequisites**

Registration in the course to which the CLAC section is connected or having taken the primary course in the past, selection by CLAC faculty coordinator and approval of the primary course instructor.

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**Dance**

Department of Theatre and Dance

*Sharon Feldman, Interim Chair*

*Associate Professors Herrera, Holland, Mike, Schoen, Stegmeir*

*Assistant Professors Diaz, Reynoso, White*

*Assistant Director of Costume Hogg*

*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.*

**The Dance Major**

Note: A grade of C- or better is required in all coursework comprising the major.

12 units, including

**Technique**

Four units (two from Group 1 and two from Group 2), chosen from:

Group 1:

DANC 266 Ballet II

DANC 366 Advanced Ballet

DANC 356 Pointe & Variations

DANC 263 Modern II

DANC 363 Advanced Modern

DANC 306 University Dancers

DANC 261 Jazz II

DANC 361 Advanced Jazz

Group 2:

DANC 218 Capoeira Angola

DANC 238 Contact Improvisation

DANC 251 Contemporary Dance I

DANC 258 Writing from the Body: Words and Movement

DANC 265 Contemporary Dance II

DANC 301 Global Dance Forms

DANC 302 Non-Traditional Partnering

DANC 365 Advanced Contemporary Dance

DANC 312 Special Topics in Dance Technique

**Creating Performance**

Three units, chosen from:

Required:

DANC 248 Movement Improvisation

DANC 255 Choreography I

Plus one:

DANC 319 Collaborative Arts Lab: Dance, Humanities & Technology

DANC 335 Choreography II

DANC 315 Independent Study

**Somatic Studies**

One unit, chosen from:

DANC 320 Human Kinetics for Dance

DANC 322 Special Topics in Somatics

**Critical Inquiry**

Two units (must include one unit of History), chosen from:

DANC 330 Dance History I

DANC 340 Dance History II

DANC 350 Special Topics in Critical Inquiry

**Design**

One unit, chosen from:

THTR 205 Production Studies I

THTR 305 Sound Design

THTR 307 Lighting Design

THTR 322 Advanced Costume Design

**Capstone**

One unit, chosen from:

DANC 407 Senior Thesis - Capstone

**The Dance 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). Upper-level courses are taught on a rotating basis.

Six units, including

### Technique

Two units, chosen from:

DANC 218 Capoeira Angola

DANC 238 Introduction to Contact Improvisation

DANC 251 Contemporary Dance I

DANC 257 Ballet I

DANC 258 Writing from the Body: Words and Movement

DANC 261 Jazz II

DANC 263 Modern II

DANC 265 Contemporary Dance II

DANC 266 Ballet II

DANC 301 Global Dance Forms

DANC 302 Non-Traditional Partnering

DANC 306 University Dancers

DANC 312 Special Topics in Dance Technique

DANC 356 Pointe & Variations

DANC 361 Advanced Jazz

DANC 363 Advanced Modern

DANC 365 Advanced Contemporary Dance

DANC 366 Advanced Ballet

### Creating Performance

Two units, chosen from:

DANC 248 Introduction to Movement Improvisation

DANC 255 Choreography I

DANC 335 Choreography II

DANC 319 Collaborative Arts Lab: Dance, Humanities & Technology

DANC 315 Independent Study

### Critical Inquiry - Somatic Studies - Design

Two units (must include one unit of History), chosen from:

DANC 330 Dance History I

DANC 340 Dance History II

DANC 320 Human Kinetics for Dance

DANC 322 Special Topics in Somatics

DANC 350 Special Topics in Critical Inquiry

THTR 203 Introduction to Lighting and Sound

THTR 206 Introduction to Costume

### Courses

DANC 218 Capoeira Angola

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Introduction to the movements, music and history of capoeira, an Afro-Brazilian self-defense hidden in dance. Capoeira is thought to have developed in part by African slaves as a form of cultural resistance towards liberation. Later, it was made illegal and associated with criminals, and now has become the unofficial 'sport' of Brazil. It is an art form for self-expression from the African-Diaspora that uses Portuguese in its songs and is a truly unique fusion of music, dance, and self-defense. Capoeira will be looked at in a contemporary context as a tool towards building a multi-cultural community founded on respect.

DANC 238 Introduction to Contact Improvisation

Units: 1

Fulfills General Education Requirement (FSVP)

Description

The practice and exploration of contact improvisation, an improvised movement form that relies on partners in constant physical dialog and connection. Class is devoted to developing balance, strength, flexibility, trust, support, weight-sharing, risk-taking, play, and body awareness. The class is ideal for students pursuing dance, theater, biology, psychology, or anyone wanting a physical challenge.

DANC 248 Movement Improvisation

Units: 1

Description

Focus on unraveling habitual ways of moving to discover impromptu motion and new patterns in groups, duets, and alone. A range of contemporary theoretical, artistic, and ethnographic techniques from American and international improvisers will be explored for strategies, techniques, motivations, and process.

DANC 251 Contemporary Dance I

Units: 1

Description

Explores organic ways of moving while maximizing circular forces, coordinating breath and movement, and working with gravity and momentum. Incorporates elements of Authentic Movement, Yoga, Bartenieff Fundamentals, Developmental Movement Technique, Flying Low, and Capoeira. Particular

attention will be given to dynamic alignment imagery to facilitate efficient movement patterns. Students will be expected to learn choreographed exercises and phrases, to improvise, to create original material, and to work with partners. Includes "lab time" where students will investigate movement independently.

DANC 255 Choreography I

Units: 1

Description

Study of choreographic process covering fundamentals of movement composition. Studio time includes improvisation and choreography.

Prerequisites

DANC 248

DANC 256 Jazz Dance I

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Introduction to jazz dance as an eclectic form of artistic expression with emphasis on rhythm and technique. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

DANC 257 Ballet I

Units: 1

Fulfills General Education Requirement (FSVP)

Description

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. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

DANC 258 Writing from the Body: Words and Movement

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Reflection on how one moves through the world and how experience gets articulated. Class is devoted to exercises that generate movement and writing, both used as gateways to the other.

DANC 259 Tap Dance I

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Introduction to tap dance, a theatrical form of artistic expression with development of a movement vocabulary based on rhythms made with taps. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

DANC 260 Modern Dance I

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Introduction to modern dance as a diverse form of expression with development of language of movement. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

DANC 261 Jazz Dance II

Units: 1

Description

Continuation of beginning jazz, emphasizing intermediate technique, vocabulary, and style. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

Prerequisites

Previous jazz technique.

DANC 262 Tap Dance II

Units: 1

Description

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. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

Prerequisites

Previous tap dance technique.

DANC 263 Modern Dance II

Units: 1

Description

Continuation of beginning modern dance, emphasizing intermediate technique and development of an aesthetic vocabulary of contemporary modern dance. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

Prerequisites

Previous modern dance technique.

DANC 265 Contemporary Dance II

Units: 1

Description

Continuation of Contemporary Dance I. Students will deepen their knowledge of organic ways of moving while maximizing circular forces, coordinating breath and movement, and moving with an awareness of gravity and momentum. Students will engage in more complex movement patterns and will be expected to learn choreographed exercises and phrases, to improvise, to create original material, to work with partners and to investigate movement independently. Readings, written assignments, and videos will be assigned to enhance the understanding of principles of alignment, movement, and performance. Students will study key contemporary artists in the field.

Prerequisites

DANC 251 or DANC 306

DANC 266 Ballet II

Units: 1

Description

Continuation of beginning ballet, emphasizing intermediate technique and vocabulary. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

Prerequisites

Previous ballet technique.

DANC 301 Global Dance Forms

Units: 1

Description

Course offerings drawn from a variety of global dance traditions and techniques from Africa, South America, the Caribbean, Asia, South Asia and the Middle East.

DANC 306 University Dancers

Units: .5

Description

Technique, rehearsal, and performance of dance works choreographed by dance faculty, students, and visiting choreographers. May be repeated for credit.

Prerequisites

Audition or invitation of director.

DANC 312 Special Topics in Dance Techniques

Units: 1

Description

Offered as-needed. Representative topics may include a range of non-traditional dance forms and practices: Improvisation, Release Technique, Flying Low, Hip-Hop, Breaking, Fusion, Physical Theatre, Viewpoints, Suzuki, or other contemporary movement techniques.

DANC 315 Independent Study

Units: .5-1

Description

Restriction: Prospectus must be submitted and approved prior to the end of advance registration.

Prerequisites

Permission of instructor.

DANC 316 Repertory

Units: .5

Description

Students in the repertory class are members of University Dancers, and will spend the fall semester learning, rehearsing, and collaborating on a new piece of choreography by one of the University of Richmond's dance faculty or a guest artist.

Prerequisites

Dance 306 (corequisite).

DANC 319 Collaborative Arts Lab: Dance, Humanities & Technology

Units: 1

Description

A creative research lab where students combine dance, theatre, and subject from humanities and/or science and technology as the foundation for creating and original dance theatre piece. The research-creative project to include a public performance with talk-back on process and discoveries.

DANC 320 Human Kinetics for Dance

Units: 1

Description

The science of human movement and knowledge of the skeletal and muscular structures which is a valuable tool in a dancer's growth. Focus on how the body functions and moves as the students develop an objective and realistic sense of their strengths and weakness. An approach that applies principles towards the anatomical analysis, assessment, function, preservation and enhancement of human movement.

DANC 322 Special Topics in Somatics

Units: 1

Description

Offered as needed. Representative topics may include: Special Topics in Kinetics, Feldenkrais, Alexander Technique, Pilates, Yoga, Physical Conditioning for Dancers and Athletes, or other body awareness and movement training.

DANC 330 Dance History/Theatre I

Units: 1

Description

A study of dance history from antiquity through the mid-17th century. Focuses on the analysis of dance and movement practices within their cultural contexts. The ritual roots of early dance are examined along with social, political and religious aspects of the rich array of dance practices and theories from Pre-History to the Renaissance court theatres.

DANC 335 Choreography II

Units: 1

Description

Continuation of Choreography I, developing choreographic ideas with an emphasis on the exploration of different approaches to choreographic forms, building on themes and style in group studies.

Prerequisites

DANC 248 Introduction to Movement Improvisation..

DANC 340 Dance History/Theory II

Units: 1

Description

A study of dance history from the ballet de cour and Baroque Dance that served to reinforce the absolute power and authority of the monarchies of Europe, through the development of experimental modern dance, jazz dance, musical theatre and contemporary fusion forms.

DANC 350 Special Topics in Critical Inquiry

Units: 1

Description

Offered as needed. Representative topics include critical dance studies, historical dance studies, performance studies, and dance criticism.

DANC 356 Pointe and Variations

Units: 1

Description

For advanced ballet students to continue training in pointe work. Study of classical variations in a historical context and performance of these variations in an informal showing. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

Prerequisites

Must be able to dance on pointe at the intermediate or advanced level.

DANC 361 Advanced Jazz Dance

Units: 1

Description

Continuation of intermediate jazz, emphasizing advanced technique, vocabulary, and style. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

Prerequisites

Previous intermediate jazz technique.

DANC 363 Advanced Modern Dance

Units: 1

Description

Continuation of intermediate modern dance, emphasizing advanced technique and developing an aesthetic vocabulary of contemporary modern dance. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

Prerequisites

Previous intermediate modern dance technique.

DANC 365 Advanced Contemporary Dance

Units: 1

Description

Continuation of Contemporary Dance II. Deepens knowledge of organic ways of moving while maximizing circular forces, coordinating breath and movement, and working with gravity and momentum. Engagement in advanced movement patterns and choreographed exercises and phrases, improvisation, to create original material, to work with partners and to investigate movement independently. Readings, written assignments, and videos will be assigned to enhance the understanding of principles of alignment, movement, and performance. Students will study key contemporary artists in the field.

Prerequisites

DANC 265 or DANC 306

DANC 366 Advanced Ballet

Units: 1

Description

Continuation of intermediate ballet, emphasizing advanced technique and vocabulary. Students are required to critique live dance concerts as well as conduct research on a relevant topic.

Prerequisites

Previous intermediate ballet technique.

DANC 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

DANC 407 Senior Thesis Capstone

Units: 1

Description

Builds on the foundations of Choreography I and Choreography II, as well as the other courses in the major. Student choreographer develops a fully produced work culminating in a public performance. Department of Theatre and Dance faculty co-mentor the student choreographer through the collaborative creative process, which includes developing a concept for the piece, making effective music choices, collaborating with designers (costume, lighting,

sound and scenic), and working efficiently and creatively with dancers in rehearsal.

Prerequisites

DANC 315 or 319 or 355

## Economics

*Dean Croushore, Chair*

*Professors Croushore, Dolan, McGoldrick, Monks, Wight  
Associate Professors Craft, Curtis, Hamilton, Linask, Mago,  
Mebkari, Nicholson*

*Assistant Professors Rabe, Waddle, Zylkin*

### The Economics Major for the Bachelor of Arts 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.

11 units, including:

BUAD 202 Statistics for Business and Economics

ECON 101 Principles of Microeconomics

ECON 102 Principles of Macroeconomics

ECON 270 Introductory Econometrics

ECON 271 Microeconomic Theory

ECON 272 Macroeconomic Theory

Four units of economics electives (at least two of which must be at the 300 level)

ECON 480 Senior Capstone Seminar, or both ECON 490 Honors Seminar in Economics and ECON 491 Honors Thesis in Economics

Note:

Majors are encouraged to take ECON 101 and ECON 102 and BUAD 202 during their first year, and ECON 271 and ECON 272 during their second year. A basic foundation in calculus (e.g., MATH 190, MATH 211) is required for ECON 271.

Students may plan their course load to pursue a general major in economics or to study a specific area in economics. 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 245 Linear Algebra, and MATH 321 Real Analysis.

### The Economics Minor

Note: A grade point average of C (2.00) is required in the minor with no grade less than C- (1.7).

Six units, including:

ECON 101 Principles of Microeconomics

ECON 102 Principles of Macroeconomics

ECON 271 Microeconomic Theory

ECON 272 Macroeconomic Theory

Two units of 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 ECON 271

### Related Majors

Mathematical Economics

Global Studies: International Economics

Economics (B.S.B.A. degree)

Business Administration

PEEL: Economics Concentration

### Honors Program

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

1. ECON 490;
2. ECON 491;
3. Two 300-level electives taken for honors credit;
4. A student enrolled in ECON 490 and ECON 491 writes an honors thesis and presents it to the Economics faculty and other honors students.

### Courses

ECON 101 Principles of Microeconomics

Units: 1

Fulfills General Education Requirement (FSSA)

Description

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.

ECON 102 Principles of Macroeconomics

Units: 1

Description

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.

Prerequisites

ECON 101.

ECON 105 Introduction to Global Economics

Units: 1

Description

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.

Cannot be used as an elective toward the arts and sciences or business school economics major or toward the business administration major. Students with majors in the School of Business may not register for ECON 105.

ECON 120 Conversations in Economics

Units: .5

Description

Topics course in economics, providing students with insight into many applications of economics.

Prerequisites

ECON 101.

ECON 200 The Economics of Money, Banking and Financial Markets

Units: 1

Description

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

ECON 101 and 102.

ECON 201 Games and Experiments in Economics

Units: 1

Description

Introduction to game theory. Based on a scientific metaphor that many interactions that we do not usually think of as games such as market competition, collusion, auctions, elections, bargaining can be treated and analyzed as games. Study of how to recognize and model strategic situations, how and when their actions will affect the decisions of others, and how to gain advantage in strategic situations.

Prerequisites

ECON 101

ECON 210 The Economics of the European Union

Units: 1

Description

Seminar-style economics class on economic foundations underlying the past, present and future of the European Union. Combines lecture material on the economics of regional integration with reading-, writing-, and discussion-intensive activities meant to illuminate the past 70 years of European integration and raise important questions for its future.

Prerequisites

ECON 101 and 102.

ECON 211 Economic Development in Asia, Africa and Latin America

Units: 1

Description

Comparative analysis of economic growth, income and wealth distribution, trade and finance, population, agriculture, and industrialization in Latin America, Africa, and Asia.

Prerequisites



ECON 101 and 102.

ECON 215 International Monetary Economics

Units: 1

Description

Provides an introduction to the fields of open-economy macroeconomics and international finance. The course builds upon the closed-economy models of previous courses and extends them by considering the impacts of domestic and foreign policies on key variables such as interest rates, output, current accounts, and exchange rates. Additional topics covered include national income accounting, government intervention, and the history of international monetary systems.

Prerequisites

ECON 101 and 102.

ECON 220 History of Economic Thought

Units: 1

Description

Survey of the development of economic analysis with emphasis on early mercantilist writers, Adam Smith and the evolution of the Classical School, the Neoclassical revolution, Marxian economics and socialism, Keynesian economics, Austrian economics, and new classical economics.

Prerequisites

ECON 101 and 102.

ECON 221 American Economic History

Units: 1

Description

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

ECON 101 and 102.

ECON 230 Environmental Economics

Units: 1

Description

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, climate change, natural resource damage assessment, measurement of environmental values, and alternative strategies for pollution control.

Prerequisites

ECON 101.

ECON 231 Law and Economics

Units: 1

Description

Application of economic analysis to the field of law. Using goals of efficiency and wealth maximization, shows how economic theory can unify property law, contract law, tort law, and criminal law, as well as offering new insights to traditional legal questions.

Prerequisites

ECON 101.

ECON 233 Ethics and Economics

Units: 1

Description

Explores ethical considerations that arise in economic analyses. In positive economics, how are choices informed by considerations of duty or virtue (in addition to utility)? In normative economics, how do concepts of welfare and efficiency derive from ethical theories, and how have these changed over time? What competing ethical theories add to our understanding of public policy issues? Preparation for a complex world when economic analysis is viewed as complementary to a critical-thinking process about ethical frameworks. Addresses additional questions such as: What is the moral philosophy behind capitalism? What are the moral limits to markets? Do businesses create and rely upon moral capital?

Prerequisites

ECON 101.

ECON 234 Urban Economics

Units: 1

Description

Introduction to the field of urban and regional economics. Study of urban growth and decline, the monocentric city model, and urban challenges. Application and interpretation of computer-generated statistical output.

Prerequisites

ECON 101 and 102.

ECON 242 Introduction to Computing Techniques for Economics and Business

Units: 1

Description

Basics of programming and application to solve economics/business problems. Topics include introductions to input/output, basic types and data structures, decision structures, repetition structures, functions, recursion, and parallel programming. Skills to solve economics/business problems that require extracting and analyzing data, building and solving basic models, and automating basic tasks.

Students who have taken or have credit for CMSC 150/MATH 190 may not enroll for this class.

Prerequisites

ECON 101, ECON 102, BUAD 202. ECON 102 and BUAD 202 may be taken concurrently.

ECON 260 Selected Economic Topics

Units: .5-1

Description

Major areas in economics, application of economic principles, and analysis of policy issues.

Prerequisites

ECON 101 and 102.

ECON 269 Independent Study

Units: .5-1

Description

Specialized study or directed research in an area of economics.

Prerequisites

A written outline worthy of academic credit and permission of department chair and the associate dean for undergraduate business programs.

ECON 270 Introductory Econometrics

Units: 1

Description

Techniques for rigorously testing economic theory and preparation for basic empirical work in economics. Topics will include basic data analysis, a review of comparisons of means, regression analysis (including estimation, functional form, dummy variables, inference, assumptions, violations of assumptions, corrections for violations). Students will be provided with the opportunity to use actual economic data to test economic theories.

Prerequisites

ECON 101 and 102; one of BUAD 202, MATH 329 or MATH 330; and one of MATH 190, MATH 211, MATH 212, MATH 232, or MATH 235, all four courses with a C- or better.

ECON 271 Microeconomic Theory

Units: 1

Description

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

C- or better in ECON 101 & 102 & (MATH 190 or MATH 211 or MATH 212 or MATH 232 or MATH 235).

ECON 272 Macroeconomic Theory

Units: 1

Description

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 neoclassical growth model.

Prerequisites

C- or better in ECON 102 & ECON 271.

ECON 300 Industrial Organization and Public Policy

Units: 1

Description

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.

Prerequisites

C- or better in ECON 271.

ECON 310 International Trade: Causes, Consequences, and Controversies

Units: 1

Description

Through both theoretical and empirical approaches, students will study international trade in goods and services and develop a framework for analysis of trade policy issues. Major themes include the causes and patterns of trade, the gains from trade and their distribution, the consequences of trade policies such as tariffs and voluntary export restraints, and the institutions of the world trading system including regional

trade agreements. The course also considers many of the current issues related to trade such as dumping, trade-related intellectual property rights, trade and the environment, and the decisions of multinational firms. Economics 270 is recommended but not required before you take this course.

Prerequisites

C- or better in ECON 271.

ECON 315 Advanced International Macroeconomics

Units: 1

Description

An advanced course in international finance and macroeconomics focusing on the factors that determine countries' capital flows and trade balances. The course will introduce several models of intertemporal welfare maximization to help students think about optimal consumption and investment decisions across time as well as the influence of fiscal policy in an open economy setting.

Prerequisites

C- or better in ECON 271 and 272.

ECON 330 Environmental and Resource Economic Theory

Units: 1

Description

A rigorous treatment of environmental and resource issues, with particular emphasis on problem of designing appropriate institutions and regulations. Topics include public goods, emission fees and tradable permits, nonmarket valuation, depletion of nonrenewable natural resources, and management of renewable natural resources. Economics 270 is recommended but not required before taking this course.

Prerequisites

C- or better in ECON 271.

ECON 331 Labor Economics

Units: 1

Description

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

C- or better in ECON 271.

ECON 332 Public Economics

Units: 1

Description

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). Economics 270 is recommended but not required before you take this course.

Prerequisites

C- or better in ECON 271.

ECON 341 Mathematical Economics

Units: 1

Description

Examines various economic concepts by means of mathematical analysis.

Prerequisites

C- or better in ECON 271 & (MATH 212 or 232) & MATH 245.

ECON 360 Selected Economic Topics

Units: .5-1

Description

Major areas in economics, application of economic principles, and analysis of policy issues.

Prerequisites

A core course to be announced.

ECON 368 Global Vision: A Student-Managed ETF

Portfolio

Units: .5

Description

Introduces students to the role of pure economic analysis in the construction of investment portfolios. The asset class and sector allocations of the portfolio flow from on-going assessment of domestic and international economic conditions. The portfolio choices are implemented using Exchange Traded Funds (ETFs). This investment vehicle eliminates the need for the technical training necessary for evaluating individual securities. The portfolio recommended by the class is implemented through the financial support of the university. The formal output of the semester is well suited to student participation at existing undergraduate research conferences and competitions. May be repeated; graded. The course will not count towards the Economics major.

Prerequisites

One 200- or 300-level economics course with a grade of C- or better and permission of instructor.

ECON 369 Independent Study

Units: .5-1

Description

Specialized study or directed research in an area of economics.

Prerequisites

ECON 271 or 272, a written outline worthy of advanced credit and permission of department chair and the associate dean for undergraduate business programs.

ECON 370 Advanced Econometrics

Units: 1

Description

Techniques for rigorously testing economic theory. Reinforces and extends the econometric techniques developed in Economics 270. Topics include a review of the classical linear regression model as well as model extensions including dummy and limited dependent variables, panel data estimation, instrumental variables, simultaneous equation systems, time-series analysis, and forecasting.

Prerequisites

C- or better in ECON 270.

ECON 372 Advanced Macroeconomics

Units: 1

Description

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. Selected Topics course that may be repeated with department permission (which is allowed if the course topics are different).

Prerequisites

C- or better in both ECON 270 & ECON 272

ECON 373 Forecasting and Time Series Analysis

Units: 1

Description

Empirical course in macroeconomic forecasting and time-series analysis. Topics include macroeconomic data, effective graphing techniques, ARIMA modeling, VAR modeling, how to evaluate forecasts, smoothing models, and the impact of forecasting on policymaking.

Prerequisites

ECON 270 and ECON 272 with grades of C- or better.

ECON 480 Senior Capstone Seminar

Units: 1

Description

Utilizes theoretical and applied economic models from previous economics courses. Semester assignments guide students in learning how to use and interpret data and to create forecasts, conducting in-depth empirical research on a current issue of relevance, reviewing economic theory that is useful for understanding how the economy works, evaluating ethical issues confronting economists, and understanding the international interdependence of the world economy.

Prerequisites

C- or better in all three prerequisite courses: ECON 270 & 271 & 272, & senior standing.

ECON 490 Honors Seminar in Economics

Units: 1

Description

Honors seminar.

Prerequisites

Departmental invitation.

ECON 491 Honors Thesis in Economics

Units: 1

Description

Capstone independent research project and honors paper. Note: Participation in the honors program fulfills the capstone requirement.

Prerequisites

Departmental invitation.

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## Education

*Patricia Stobr-Hunt, Chair*

*Associate Professor Brown*

*Assistant Professor Stobr-Hunt*

*Director of Reading Milby*

*Director of Instruction and Educational Practice Brenning*

*Director of Field Placement Napoli*

*Director of Curriculum Materials Center (CMC) Leeper*

*Affiliated Faculty in SPCS Cassada, Kuti, Shields, Spires*

### Mission and Goals

Undergraduate teacher education at the University of Richmond is a campus-wide responsibility, designed to ensure that all of our students are knowledgeable professionals who possess both a theoretical and practical knowledge base. Students acquire a broad undergraduate background of essential intellectual skills through the liberal arts and sciences based on the University's general education requirements,

upon which students then build concentrated study in their major field of study.

The mission of the Teacher Preparation Program at the University of Richmond is to improve the understanding and practice of teaching and learning in preK-12 environments through reflective thought. Graduates are prepared to apply deep and broad content knowledge through multiple pedagogies in diverse settings while demonstrating a commitment to professionalism. For information on specific endorsement requirements and becoming a licensed teacher, please see [education.richmond.edu/teacher-education/index.html](http://education.richmond.edu/teacher-education/index.html).

Based on this mission, the goals for the education minor are:

#### Goal 1

Develop candidates who are knowledgeable about learners and are able to employ instructional strategies that meet the needs of all students, including students with disabilities, gifted students, students with limited proficiency in English, and students with diverse cultural needs.

#### Goal 2

Develop candidates who have a rich understanding of the subject(s) they teach and appreciate how knowledge in their subject is created, organized, linked to other disciplines, and applied to real-world settings.

#### Goal 3

Develop candidates who are able to employ best practices in the planning, delivery, and assessment of instruction so that they may transform content for teaching purposes in ways that make it accessible and meaningful to students.

#### Goal 4

Develop candidates who have the knowledge and skills to bring the highest levels of professionalism to their practice as instructional leaders and have the disposition to reflect upon and change that practice as necessary.

#### State-Approved Programs at the University of Richmond

The Teacher Preparation Program at the University of Richmond prepares teachers for licensure in Elementary Education (preK-6), Secondary Education (6-12) or Comprehensive Education (preK-12). 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 endorsement 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 included new accountability measures and reporting requirements for institutions and states on teacher preparation and licensing. Each year the University of Richmond is required to submit an Institutional Report that 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

For the most current copies of the University Institutional Report, visit our website.

#### Teacher Education Minors Requirements

Teacher Education minors are designed for students who wish to pursue preparation in teaching, and consists of three different areas. The level and subject of teaching endorsement students seek define these areas. Please note that students completing a teacher education minor are NOT automatically eligible for a teaching license. Students who wish to be licensed must be formally admitted to the Teacher Preparation Program and successfully complete the teaching internship and capstone seminar.

Note: The grade point average of the coursework comprising the minor must be no less than 3.00 with no course grade below B- (2.70). A maximum of one course may be taken at another institution or through an approved study abroad program, with departmental approval.

#### Teacher Education: Elementary (preK-6)

Nine units, including:

EDUC 217 Foundations of Education

EDUC 218 Diverse Learners and Human Development

EDUC 307 Instruction and Assessment in Elementary Science

EDUC 308 Instruction and Assessment in Elementary Social Studies

EDUC 310 Concepts and Methods in Elementary Math

EDUC 311 Assessment and Differentiation in Elementary Math

EDUC 324 Reading Foundations for Early Literacy Instruction

EDUC 326 Assessment, Intervention, and Literacy Strategies for Elementary Readers

EDUC 356 Elementary Classroom and Behavior Management

### Teacher Education: Secondary (6-12)

Seven units, including:

EDUC 217 Foundations of Education

EDUC 218 Diverse Learners and Human Development

EDUC 338 Technology-Enhanced 21st Century Teaching and Learning

EDUC 342 Teaching and Learning in 6-12 Classrooms

EDUC 343 Assessment and Evaluation in Education

EDUC 350 Content Area Literacy

EDUC 357 Secondary Classroom and Behavior Management

### Teacher Education: Comprehensive (preK-12)

Seven units, including:

EDUC 217 Foundations of Education

EDUC 218 Diverse Learners and Human Development

EDUC 338 Technology-Enhanced 21st Century Teaching and Learning

EDUC 342 Teaching and Learning in 6-12 Classrooms

EDUC 343 Assessment and Evaluation in Education

EDUC 350 Content Area Literacy

EDUC 357 Secondary Classroom and Behavior Management

### Education and Society Minor Requirements

The Education and Society minor seeks to examine the institution of education and its role in society. It is designed specifically for students concerned with the interpretation, evaluation and reform of the American system of public education. The minor encourages students to reflect on questions of central importance in education such as:

- What is the purpose of education?
- How has the history of the system of public education in the United States contributed to its present state?
- Does our current system of education provide equitable opportunities for all?

The Education and Society minor is NOT designed to prepare teachers or other school personnel and does NOT lead to certification.

Education and Society

Note: The grade point average of the coursework comprising the minor must be no less than 2.00 with no course grade below C (2.0). A maximum of one course may be taken at

another institution or through an approved study abroad program, with departmental approval.

Six units, including:

EDUC 220 Education in America

Four electives chosen from the following list. At least two of these selections must be courses where community-based learning pedagogy for exploring current conditions and issues in education is a significant component. Courses using such pedagogy are indicated with a \*.

EDUC 333 Alternate Approaches to K-12 Education\*

EDUC 334 American Educational History

EDUC 335 Education and Globalization

EDUC 337 Education and Public Policy\*

EDUC 339 Education of Minority Groups in America\*

EDUC 340 Gender and Education\*

EDUC 341 Leadership in Education\*

EDUC 345 Urban Education\*

EDUC 346 Philosophy of Education

EDUC 347 Improving America's Schools\*

EDUC 376 Social Justice in Education

LDST 384 Education and Equity

EDUC 440 Contemporary Issues in Education

### Courses

EDUC 217 Foundations of Education

Units: 1

Description

Introduction to the American educational system. Explores the philosophical, sociological, historical, and political roots of schools today. Attention also given to the legal status of teachers and students, including federal and state laws and regulations, school as an organization/culture, and contemporary issues in education including the use of relevant data in instructional decision-making.

EDUC 218 Diverse Learners and Human Development

Units: 1

Description

Introduces students to the developmental stages experienced by students between the ages of birth through adolescence with an examination of speech/language, social, physical, intellectual, and emotional development. Explores diverse cultures, communities, and family values. Provides a historical and contemporary perspective on critical issues, professional practices, and state and federal laws influencing the teaching of students with diverse learning needs.

EDUC 220 Education in America

Units: 1

Description

Exploration of contemporary public education and its impact on American society and citizenship. Includes an examination of the history of education in creating responsible citizens in the United States and the interaction of policy and reform in contemporary education.

EDUC 307 Instruction and Assessment in Elementary Science



Units: 1

Description

In-depth examination of fundamental science concepts and subject-specific pedagogy, focusing on Earth, life, and physical sciences, the nature of science and scientific inquiry, the social and cultural significance of science, the relationship of science to technology, and the historical development of scientific concepts and scientific reasoning. Course content emphasizes and integrates state and national standards, problem-solving approaches, curriculum integration strategies, content area literacy, and current research.

Prerequisites

Education 217 or 218.

EDUC 308 Instruction and Assessment in Elementary Social Studies

Units: 1

Description

In-depth examination of fundamental social studies concepts and subject-specific pedagogy, focusing on history, geography, economics, and civics. Course content emphasizes instructional design and integrates state and national standards, project-based learning approaches, curriculum integration strategies, content area literacy, and current research.

Prerequisites

Education 217 or 218.

EDUC 310 Concepts and Methods in Elementary Math

Units: 1

Description

In-depth examination of fundamental mathematical concepts and subject-specific pedagogy, focusing on whole numbers and their operations, algebraic thinking in the early grades, and measurement. Content emphasizes and integrates state and national standards, problem-solving approaches, use of manipulatives and technology, current research, and learning theory.

Prerequisites

EDUC 307.

EDUC 311 Assessment and Differentiation in Elementary Math

Units: 1

Description

In-depth examination of fundamental mathematical concepts and subject-specific pedagogy, focusing on rational numbers, algebraic thinking, geometry, probability, and statistics. Emphasizes meeting the needs of struggling students and integrates state and national standards, problem-solving approaches, use of manipulatives and technology, current research, and learning theory. A supervised practical experience using a Response to Intervention (RTI) approach will be incorporated into the course. Emphasis on using data to make decisions based upon students' needs, monitor progress, and develop individualized mathematical interventions.

Prerequisites

EDUC 310.

EDUC 312 Independent Study in Education

Units: .25-1

Description

Special projects and practical experience in educational programs.

Prerequisites

Permission of department.

EDUC 313 Independent Study in Education

Units: .25-1

Description

Special projects and practical experience in educational programs.

Prerequisites

Permission of department.

EDUC 314 Independent Study in Education

Units: .25-1

Description

Special projects and practical experience in educational programs.

Prerequisites

Permission of department.

EDUC 324 Reading Foundations for Early Literacy

Instruction

Units: 1

Description

In-depth examination of the teaching methods, literacy concepts and development, and materials which are utilized to support and scaffold children's literacy acquisition from birth to the primary grades. Addresses a foundational understanding of the components of reading including phonemic awareness, concepts of print, phonics, fluency, comprehension, vocabulary, and writing. Examines early literacy assessment tools and how to implement interventions for diverse learners. Investigates language development, children's literature, and classroom strategies for early literacy instruction.

Prerequisites

Education 217 or 218.

EDUC 326 Assessment, Intervention, and Literacy Strategies for Elementary Readers

Units: 1

Description

In-depth examination of reading comprehension, vocabulary development, critical thinking, word study, and writing instruction within elementary classrooms. Exploration across the components of reading of the methods, materials, and assessment tools associated with elementary literacy instruction. Examines assessment tools and learn techniques for meeting the needs of struggling readers. A supervised practical experience will be incorporated into the course. Emphasis is placed on making decisions based upon students' individual needs and critical reflection to improve instructional effectiveness. Analysis of assessment data and use of this information to inform instructional practices including developing reading and writing interventions. Studies effective literacy techniques designed to support diverse learners.

Prerequisites

EDUC 324.

EDUC 333 Alternate Approaches to K-12 Education

Units: 1

Description

Examination of the multiple alternatives to traditional PK-12 public schools currently available across the United States, including the increasing variety of public, private, parochial, charter, and virtual opportunities available to families seeking choices beyond traditional public education.

Prerequisites  
Education 217 or 220

#### EDUC 334 American Educational History

Units: 1

##### Description

Examination of the development of American education from the Colonial Period through today. Includes an examination of how political change, economic growth, immigration, social movements, and related factors influenced the content of the American curriculum and the nature of the educational experience. Emphasis placed on the period since 1945, examining how integration, changes in special education law, the growth of English-language learners, the accountability movement, educational technology, and economic conditions have shaped today's public schools.

Prerequisites  
Education 217 or 220

#### EDUC 335 Education and Globalization

Units: 1

##### Description

Investigation of the influence of globalization and technology on America's school systems. Globalization is characterized by the power of individuals living around the world to communicate, collaborate, and compete. The death of distance resulting from technological advances has resulted in a new "global village" or "flat world". Examination of how today's global world is transforming education and the role of America's schools in preparing students for this interconnected, global world.

Prerequisites  
Education 217 or 220

#### EDUC 337 Education and Public Policy

Units: 1

##### Description

Survey of contemporary issues and examination of legislation affecting educational policy at both the state and local level. In-depth examination of current and emerging policy issues, strategies for influencing policy, and techniques for adapting new policy into current school culture and processes.

Prerequisites  
Education 217 or 220

#### EDUC 338 Technology-Enhanced 21st Century Teaching and Learning

Units: 1

##### Description

Exploration of how technology may be used as an engaging and effective tool in the 21st Century classroom to facilitate changes in the ways teachers communicate, collaborate, and teach and how students learn and demonstrate their understanding. Examines the issues involved in educational technology access and curriculum, including current educational technology standards and practical application of technology skills, while encouraging reflection on the role

various forms of electronic and digital technology can play in the teaching/learning process.

Prerequisites  
Education 306 or 342.

#### EDUC 339 Education of Minority Groups in America

Units: 1

##### Description

Introduction to the educational histories of minority groups in the United States with a primary focus on Native Americans, African Americans, Mexican American, and Asian/Pacific Americans. Perspectives will be primarily explored from the late eighteenth century to the early twenty-first century. Includes an in-depth examination of issues of equity and opportunity as it pertains to these minority groups, particularly as it relates to funding. Also includes an examination of how education can serve as an effective means to increase social tolerance and improve relations between various groups in society.

Prerequisites  
Education 217 or 220

#### EDUC 340 Gender and Education

Units: 1

##### Description

Exploration of the multiple and complex relationships between gender and education, primarily in the context of formalized schooling. Topics include the history of women's education; gender identity and socialization, gender discrimination and biases in curriculum and classroom teaching, gender gaps in academic performance, stratification in schools, and the relationship between educational choices and gender. In all topics, gender will be explored in connection with other socially constructed aspects of identity, such as race, class, ethnicity and sexual orientation.

Prerequisites  
Education 217 or 220

#### EDUC 341 Leadership and Education

Units: 1

##### Description

Examination of the role of leadership in education through a historical, philosophical, theoretical and political/policy lens. Critical review of how leadership is the cornerstone of understanding the importance of education and citizenship in American society. Includes profiles of historical and contemporary leaders in education who have been at the forefront of public school reform efforts. Examines the role that followers or stakeholders have played in historical movements for public school reform.

Prerequisites  
Education 217 or 220

#### EDUC 342 Teaching and Learning in 6-12 Classrooms

Units: 1

##### Description

Comprehensive introduction to pedagogy to include principles of learning; application of skills in discipline and grade-specific methodology; selection and use of materials; state and national curriculum standards; and evaluation of student performance.

Prerequisites  
Education 217 or 218.

EDUC 343 Assessment and Evaluation in Education

Units: 1

Description

Introduction to testing, measurement, and evaluation related to instruction, the construction and use of teacher-made tests, a survey of standardized tests, test interpretation, and basic statistical procedures.

Prerequisites

EDUC 342.

EDUC 345 Urban Education

Units: 1

Description

Examination of the relationship between urban issues and education policies and practices. Includes a broad interdisciplinary look at the relationship between school and urban society and communities. Sociological and philosophical theories will be used to examine how culture, race, and class influence the structure and function of urban education systems. A critical self-reflection on schooling, socio-cultural identity, and philosophical beliefs about education.

Prerequisites

Education 217 or 220

EDUC 346 Philosophy of Education

Units: 1

Description

Examines exemplars of educational philosophy from ancient times to the present day, emphasizing important thinkers and writers that contributed to the philosophy of the American public education system. Includes a consideration of their relevance and application to current controversies in education (e.g., multiculturalism, gender equity, and school choice).

Prerequisites

Education 217 or 220

EDUC 347 Improving America's Schools

Units: 1

Description

Examines K-12 American public schools and the variety of programs, policies, and structures in place that influence students, teachers, and parents within the educational system.

Prerequisites

EDUC 220

EDUC 350 Content Area Literacy

Units: 1

Description

In-depth examination of reading, writing, and critical thinking in secondary content areas. Specific techniques for teaching and assessing comprehension, vocabulary knowledge, and study skills. The effects of text organization and relationship between reading and writing are investigated. Integrates theory with practice and is designed to help content area instructors learn how to integrate literacy principles into subject matter instruction. A strong emphasis on the elements of effective comprehension instruction. Literacy techniques designed to support the needs of diverse learners.

Prerequisites

Education 217 or 218.

EDUC 353 Methods for Teaching Foreign Language

Units: 1

Description

Exploration of current trends in foreign language pedagogy, including national standards, Standards for Foreign Language Learning: Preparing for the 21st Century, and the Proficiency Guidelines of the American Council on the Teaching of Foreign Languages (ACTFL). Major topics of discussion include standards, theories and practice of second language acquisition, domains of language, cultural aspects of language learning, methods and trends in teaching foreign language, language proficiency testing, technology in language learning, student learning styles, programmatic structures for foreign language instruction, and lesson planning strategies in the foreign language classroom.

EDUC 356 Elementary Classroom and Behavior

Management

Units: 1

Description

Introduction to theoretical and practical aspects of classroom and behavior management with an emphasis on strong instruction, positive learning climate, individual interventions, including techniques to promote educational well-being, maximize learning time, increase motivation, and address inappropriate behavior. Examination of approaches based on theory and practice to meet the needs of diverse learners. Includes weekly practicum experience in an elementary classroom.

Prerequisites

EDUC 327.

EDUC 357 Secondary Classroom and Behavior Management

Units: 1

Description

Introduction to theoretical and practical aspects of classroom and behavior management with an emphasis on strong instruction, positive learning climate, individual interventions, including techniques to promote educational well-being, maximize learning time, increase motivation, and address inappropriate behavior. Examination of approaches based on theory and practice to meet the needs of diverse learners. Includes weekly practicum experience in a middle school classroom.

Prerequisites

EDUC 342.

EDUC 360 Assessment, Intervention, and Literacy Strategies for Adolescents

Units: 1

Description

Investigates reading comprehension, vocabulary development, critical thinking, word study, and writing instruction within the classroom. Study of the methods, materials, and assessment tools associated with elementary and secondary literacy instruction will be explored across the components of reading. Examines assessment tools and learn techniques for meeting the needs of struggling readers. Supervised practical experience will be incorporated into the course.

Prerequisites

EDUC 350.

EDUC 376 Social Justice in Education

Units: 1

Description

Examines how social inequality impacts public education, and how schools function to perpetuate and/or remediate social injustice. Further explores how socially constructed differences (race, social class, gender, sexual orientation, ethnic, linguistic and cultural backgrounds) may be used to privilege some learners and marginalize others. Considers teachers as agents of change and what individuals and communities can do to ensure that all students have equitable educational opportunities. A community-based learning experience is a required course component.

Prerequisites

EDUC 346 (may be taken concurrently).

EDUC 398 Selected Topics

Units: .5-1

Description

Topics will vary from semester to semester.

EDUC 440 Contemporary Issues in Education

Units: 1

Description

Capstone requirement in the Education and Society minor.

Prerequisites

Senior standing and completion of Education and Society minor electives.

EDUC 465 Foundations and Legal Aspects of Special

Education

Units: 1

Description

Introductory course providing an overview of the nature and educational implications of serving students with disabilities and emphasizes the legal aspects of special education at national, state, and local levels. Relevant legislation associated with the identification, education and evaluation of students with disabilities will be included in this foundations course.

Prerequisites

EDUC 324

EDUC 471 Assessment and Evaluation in Special Education

Units: 1

Description

Introduces teacher candidates to the variety of assessment and evaluation techniques and their specific purposes, including eligibility for students with disabilities, instructional decision making, and program improvement. This course explores the relationship among the general curriculum, formal and informal assessment results, and instruction for students with disabilities to support instructional planning, decision-making and self-reflection.

Prerequisites

EDUC 324

EDUC 474 Understanding and Implementing the IEP

Units: 1

Description

Provides critical information and hands-on practice regarding the development and implementation of the Individual Education Program (IEP), the federally required document that describes all the components of special education services and safeguards for students with disabilities. Examines regulatory background, essential components, procedural requirements, implementation practices, and

monitoring strategies that support effective IEP implementation and lead to positive student outcomes. Requires students to analyze and evaluate IEPs, gaining expertise in IEP development and implementation.

Prerequisites

EDUC 465

EDUC 475 Teaching Internship

Units: 3.5

Description

A fifteen-week field experience which involves the application of theory and skills while working directly with students in the public school classroom on a full-time basis under the direction and support of a cooperating teacher and a university supervisor. The student assumes full teacher responsibility for all instructional periods and school activities. Graded pass/fail with a comprehensive evaluation completed for each student teacher. Requires concurrent registration in Education 485, Student Teaching Seminar.

Prerequisites

Department approval.

EDUC 485 Capstone Seminar

Units: .5

Description

Weekly seminar for student teachers. Provides a forum for reflective discussion and examination of critical issues related to students' teaching responsibilities and competence, specifically, employing best practices in the planning, delivery, and assessment of instruction and student learning. In addition, guidance is provided in the preparation of the Teacher Work Sample Portfolio.

Prerequisites

Education 475.

EDUC 498 Honors Thesis Research

Units: 1

Description

Research for the honors thesis in Education under the direction of a faculty advisor.

Prerequisites

Departmental approval.

EDUC 499 Honors Thesis Writing

Units: 1

Description

Writing the honors thesis in Education under the direction of a faculty advisor.

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## English

*David Stevens, Chair*

*Professors Ashe, Browder, Givens, Henry, Schwartz, Siebert*

*Associate Professors Cheever, Gruner, Lurie, MacAllister, Outka,*

*Pelletier, Russell, Singh, Stevens*

*Assistant Professor Manganaro*

*Director of Writing Center Essid*

*Director of the Bridge to Success Program Snaqa*

### The English Major

Note: A grade of C (2.0) or better is required in all coursework comprising the English major.

10 units, including:

Two FSLT courses taught in the English department (one must be completed before enrolling in advanced courses in the major/minor, but the second may be taken concurrently with advanced courses)

Two courses from Group A, courses in literature before the early to mid-19th century

Two courses from Group B, courses in literature after the early to mid-19th century

Two additional courses at the 300 or 400 levels or ENGL 200 and one course at the 300 or 400 level (LING 203 Introduction to Linguistics and/or LLC 351 Contemporary Literary Theory can also be taken to satisfy this requirement). ENGL 388, ENGL 406, ENGL 498, and ENGL 499 may not be used to meet this requirement.

Two seminars, ideally one in the junior year and one in the senior year, although if necessary both may be taken in the senior year

### **The English Minor**

Note: A grade of C (2.0) or better is required in all coursework comprising the English minor.

Six units, including:

Two FSLT courses taught in the English department (one must be completed before enrolling in advanced courses in the major/minor, but the second may be taken concurrently with advanced courses)

One course from Group A, courses in literature before the early to mid-19th century

One course from Group B, courses in literature after the early to mid-19th century

One additional literature course (not writing) at the 300 or 400 level

One seminar taken in the junior or senior year

### **The Creative Writing Minor**

Note: A grade of C (2.0) or better is required in all coursework comprising the creative writing minor. Each writing course beyond English 200 may be taken up to three times for credit.

Six units, including:

ENGL 200 Introduction to Creative Writing

Four courses, chosen from the following:

ENGL 385 Fiction Writing

ENGL 386 Poetry Writing

ENGL 390 Literary Translation

ENGL 392 Creative Nonfiction Writing

ENGL 397 Selected Topics in Writing

ENGL 401 Creative Writing Portfolio

One additional 200- or 300-level English course, either in literature, writing, or editing OR one of these courses from another department:

FREN 324 Francophone Cultures and Literature

FREN 461 From Modern to Postmodern

LAIS 332 Introduction to Latin American Literature II

LAIS 462 Visions of Contemporary Spain

LAIS 472 Latin American Theater

LAIS 474 Contemporary Writing in Latin America

LAIS 477 Literature of the Spanish-Speaking Caribbean

LAIS 486 U.S. Latino/a Literature

LLC 322 Introduction to Twentieth-Century and Contemporary Russian Literature

THTR 325 Script Analysis

VMAP 257 Artist Book

### **Honors Program**

To earn honors in English, a major must complete ENGL 498, Honors Thesis Research, and ENGL 499, Honors Thesis Writing. Units earned for ENGL 498 and ENGL 499 are in addition to the 10 units required in the English major. Honors students also designate two of the courses from their major program as Honors Courses. In each case, the instructor, in consultation with the student and the honors coordinator, determines an appropriate honors component for the course. 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 the spring of their sophomore year or fall of their junior 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.



## Related Majors

Combined majors in

English/Classics  
English/French  
English/German  
English/Greek  
English/Latin  
English/Theatre  
English/Women, Gender and Sexuality Studies  
Interdisciplinary concentrations in

Comparative Literature  
Medieval and Renaissance Studies

## Courses

ENGL 103 Introduction to Expository Writing  
Units: 1  
Description  
Introduction to critical reading, thinking, and writing across disciplines.

ENGL 199 Topics in Introductory Literary Studies  
Units: .5-1  
Description  
Selected topics vary from semester to semester.

ENGL 200 Introduction to Creative Writing  
Units: 1  
Description  
An introduction to general principles. Students' fiction and poetry receive critical evaluation through workshops and conferences. The course is designed to improve students' creative and critical faculties through exposure to a variety of styles and genres in contemporary literature--e.g., poetry, fiction, drama, creative nonfiction, hybrid forms. The course emphasizes the finished product as well as the writing process, which includes not only putting words on paper, but also reading, analysis, and revision. Students examine forms and structures, word choice, line lengths and line breaks, sentences, paragraphs, beginnings and endings, rhetorical strategies, cadences and music, tone and voice, and syntax and diction. Class sessions include variations of the following: writing exercises, craft talks, discussion about the assigned readings, and discussion of student work. Same as CRWR 200.

ENGL 201 The Art of Writing: Aims, Modes, Process  
Units: 1  
Description  
Explores varied strategies for negotiating each stage in the writing process, reviews methods for engaging in critical thinking and productive research, and addresses issues influencing effective uses of language, including attention to grammaticality.  
Prerequisites  
First Year Seminar 100.

ENGL 203 Children's Literature  
Units: 1  
Fulfills General Education Requirement (FSLT)  
Description

Analysis of children's literature, from folk and fairy tales to today's stories, poems and novels for children.

ENGL 204 Literature and Culture  
Units: 1  
Fulfills General Education Requirement (FSLT)  
Description  
Representation of cultural identity and experience in works drawn from diverse cultural traditions.

ENGL 206 Selected Readings in American Literature  
Units: 1  
Fulfills General Education Requirement (FSLT)  
Description  
Selected works reflecting one or more major patterns in American literature. Specific emphasis may change from term to term.

ENGL 208 Twentieth-Century American Fiction  
Units: 1  
Fulfills General Education Requirement (FSLT)  
Description  
Textual analysis of novels and shorter fiction representing diverse authors, themes, movements, and techniques.

ENGL 214 Literature of India  
Units: 1  
Fulfills General Education Requirement (FSLT)  
Description  
Explores modern Indian poetry, short stories, and novels written in English and in translation.

ENGL 215 Reading Science Fiction and Fantasy  
Units: 1  
Fulfills General Education Requirement (FSLT)  
Description  
Analysis of selected works of science fiction and fantasy. Possible authors included in the course range from Edgar Allan Poe and Jules Verne to Philip K. Dick, Harlan Ellison and Ursula K. LeGuin to writers not typically identified with the genre. Students will consider a variety of interpretive frameworks (formal, psychological, feminist and others) through which literary sci-fi and fantasy are frequently read. Texts will include short stories, novels and film.

ENGL 216 Literature, Technology and Society  
Units: 1  
Fulfills General Education Requirement (FSLT)  
Description  
Literary and nonliterary texts that react, in a given society and period of history, to technological change and social effects of technology.

ENGL 217 The Bible and Literature  
Units: 1  
Fulfills General Education Requirement (FSLT)  
Description  
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.

ENGL 218 African Literature  
Units: 1  
Fulfills General Education Requirement (FSLT)

Description

Representative works from written traditions in modern African literature.

ENGL 219 Introduction to Drama and Theater

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Introduction to basic concepts of drama and theater, including the relationship between drama as text and as spectacle and the relation of drama to other genres and art forms. Examination of significant theatrical traditions that have influenced modern drama.

ENGL 220 Introduction to Film Studies

Units: 1

Fulfills General Education Requirement (FSLT)

Description

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. (Same as Film Studies 201)

ENGL 221 Introduction to Poetry

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Analysis of works by selected poets.

ENGL 222 Short Fiction

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Analysis of short fiction as a means of defining its many formal and philosophical expressions.

ENGL 223 The Modern Novel

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Analysis of selected 20th- and 21st-century novels.

ENGL 224 Great Novels

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Selected major novels of 18th, 19th, and/or 20th centuries.

ENGL 227 Life-Writing as Literature: Studies in Biography and Autobiography

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Study of resources, methods, and aims governing the re-creation of individual lives by writers of biography and autobiography.

ENGL 229 The Black Vernacular

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Introduction to black vernacular oral and written art.

Investigation of the black vernacular tradition in the wider context of American culture.

ENGL 230 Women in Modern Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Modern woman's search for identity and struggle for self-realization through study of selected figures from 19th-, 20th, and/or 21st century literature.

ENGL 231 African-American Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Survey of major works of African-American literature with attention to oral traditional contexts.

ENGL 232 Southern Fiction

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Fiction of both old and new South with attention to themes, techniques and perspectives of the region.

ENGL 233 Contemporary Native American Literatures

Units: 1

Fulfills General Education Requirement (FSLT)

Description

An introduction to the most recent fiction by Native American writers in the United States through a study of a variety of genres in the context of the United States' colonial history, indigenous nations' struggles for sovereignty, and the long legacy of Indian representation in American popular culture.

ENGL 234 Shakespeare

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Analysis of selected plays and poems from variety of critical perspectives.

ENGL 235 Narratives of Personal Development

Units: 1

Fulfills General Education Requirement (FSLT)

Description

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.

ENGL 236 Global Women Writers

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Explores women's writing from around the world, from regions as diverse as South Asia, Africa, North America, the Caribbean, and the Middle East. Through reading novels, short stories, poetry, and essays by and about women, examines how the concerns of women writers travel across national and political lines. What particular challenges do women writers face and how do such challenges influence

their writing? How is the role of women represented in and across different literary and non-fiction texts? How does sexuality figure into women's writing and what does it say about the "naturalized" ways that women are imagined across cultures? What current global issues concern women writers, and how are they linked to gender and sexuality? Writers may include Tsitsi Dangarembga, Margaret Atwood, Edwidge Danticat, Ama Ata Aidoo, Nawal el Saadawi, Bapsi Sidhwa, Zora Neale Hurston, Arundhati Roy, Vandana Shiva, Wangari Maathai, and Audre Lorde.

ENGL 237 Queer Literatures

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Examines contemporary queer literature and film concerned with both the formation and formulation of queer identities. Asks a series of questions: What distinguishes and differentiates queer aesthetics? What does it mean to be queer? Who can or should represent queer identities? Examines works that traverse sexual, racial, national, and political lines. Careful and critical attention to a plurality of queer expressions and representations. Authors may include: Shyam Selvadurai, Audre Lorde, Adrienne Rich, Tony Kushner, James Baldwin, Dionne Brand, Jeffrey Eugenides, Ismat Chughtai, Leslie Feinberg, Shani Mootoo, Manuel Puig, and William Burroughs. Films may include: Boys Don't Cry, Happy Together, Fire, Philadelphia, Kiss of the Spider Woman, Before Night Falls, and Paris is Burning.

ENGL 238 Selected Readings in Caribbean Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

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.

ENGL 239 Vampires in Literature and Film

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Examination of "the vampire" as a metaphor for social fears as it appears in different historical moments (sixteenth century to the present) and across several genres and media, including poetry, prose fiction, folklore, film, television, and popular songs. Readings, brief lectures, and discussions analyze vampires in these texts in relation to ideas from philosophy, economics, gender studies, and literary theory.

ENGL 240 Literature after 9/11

Units: 1

Fulfills General Education Requirement (FSLT)

Description

A study of selected works of imaginative literature written in response to September 11, 2001, including poetry, drama, short stories, novels and essays by writers from across the world. Focuses on the functions of art in mediating trauma in highly politicized historical contexts.

ENGL 297 Literature in Context: Genre and Mode

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Focuses on the ways in which particular literary genres and modes arise and are adapted to new purposes over time. Taught in two modules with two different professors. Each part concentrates on a single genre or mode in its longer historical contexts.

ENGL 298 Literature in Context: Texts in History

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Focuses on the ways in which literary traditions are perceived and/or constructed, and for what purposes, how particular literary traditions arise in particular historical circumstances. Taught in two modules with two different professors. Each module concentrates on a different literary time period.

ENGL 299 Special Topics in Literary Analysis

Units: 1

Fulfills General Education Requirement (FSLT)

Description

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. Recent topics have included The Sixties: Then and Now; American Misfits, Contemporary American Literatures, Border Crossings in Global Literatures. May be repeated for credit as topic varies.

Group A Courses in Literature before the Early to Mid-19th Century

ENGL 301 Literature of the Middle Ages

Units: 1

Description

Studies in British and Continental Medieval literature from Beowulf through the 15th century with attention to social, cultural, and political backgrounds.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 302 Literature of the English Renaissance

Units: 1

Description

Studies in literature and cultural traditions of 16th- and early 17th-century Great Britain.

Prerequisites

Completion of one FSLT taught in the English department or GS 290 with a grade of C or better.

ENGL 304 Shakespeare

Units: 1

Description

Selected plays by Shakespeare grouped according to genre. The course will investigate the histories and tragedies and the comedies and romances.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 308 Interdisciplinary Studies in the Middle Ages and Renaissance

Units: 1

Description

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. May be repeated for credit if topic varies.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 309 Desire and Identity in the Renaissance: The Lyric Tradition

Units: 1

Fulfills General Education Requirement (FSLT)

Description

A comparative investigation of Italian, French, and English Renaissance lyric poetry. (Same as LLC 358.)

Prerequisites

Completion of one FSLT taught in the English department

ENGL 311 English Literature of the Restoration and 18th Century

Units: 1

Description

Focus on representative British authors of the late 17th and 18th centuries.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 312 English Literature of the Romantic Movement

Units: 1

Description

Focus on major British authors of the early 19th century with some attention to European currents and backgrounds.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 321 Early American Literature

Units: 1

Description

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.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better.

ENGL 325 Age of the American Renaissance

Units: 1

Description

Readings in the traditional American Renaissance canon -- Emerson, Hawthorne, Thoreau, Melville, Poe, Dickinson, and Whitman -- as well as other writers working in the period, such as Frederick Douglass and Fanny Fern.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better.

ENGL 326 From Revolution to Romanticism: American Literature Through 1860

Units: 1

Description

Selected American works from the Early National period through the Civil War, with attention to the political and cultural contexts of these works.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better.

ENGL 330 Selected Topics in Literature before the Early to Mid-19th Century

Units: 1

Description

Topics will vary from semester to semester. Recently offered topics include Renaissance Lyric Poetry and The Middle Ages and the Renaissance. May be repeated for credit as topic varies.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

Group B Courses in Literature after the Early to Mid-19th Century

ENGL 331 Literatures of Africa

Units: 1

Description

Survey of major writers from the African continent, with attention to historical and cultural contexts and to African oral traditions.

Prerequisites

Completion of one FSLT taught in the English department or GS 290 with a grade of C or better.

ENGL 332 Literatures of the Caribbean

Units: 1

Description

Survey of Anglo-Caribbean literatures with emphasis on contemporary works. Occasional studies of Spanish, Dutch, or French works in translation.

Prerequisites

Completion of one FSLT taught in the English department or GS 290 with a grade of C or better.

ENGL 334 American Indian Literatures

Units: 1

Description

Works of major indigenous writers in the United States since the 1960s until the present, studied in the context of the historical and contemporary political and cultural relations between American Indians and the United States.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better.

ENGL 335 Black Women Writers

Units: 1

Description

Study of major works by Black women writers from Africa, the Caribbean, and the United States.

Prerequisites

Completion of one FSLT taught in the English department, or WGSS 201 with a grade of C or better.

ENGL 336 Literatures of Globalization

Units: 1

Description

Selected contemporary fiction and criticism that considers problems of global economy, culture, and language.

Prerequisites

Completion of one FSLT taught in the English department or GS 290 with a grade of C or better.

ENGL 337 Postcolonial Literatures

Units: 1

Description

Survey of major debates and movements in postcolonial literature, with attention to cultural contexts.

Prerequisites

Completion of one FSLT taught in the English department or GS 290 with a grade of C or better.

ENGL 338 English Literature of the Victorian Period

Units: 1

Description

Focus on representative British authors, 1832-1901, with attention to contemporary social, political, religious, and scientific issues.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 343 Modernisms

Units: 1

Description

A study of the dramatic changes in literature in Europe and America from the late nineteenth to the early twentieth century.

Prerequisites

Completion of one FSLT taught in the English department or GS 290 with a grade of C or better.

ENGL 346 Twentieth-Century British and Irish Literature

Units: 1

Description

Reflections of modern sensibility in fiction and poetry of native British and Irish authors and American expatriates.

Prerequisites

Completion of one FSLT taught in the English department or GS 290 with a grade of C or better.

ENGL 349 Late Imperial Fiction

Units: 1

Description

Late 19th- and early 20th-century British fiction and culture in the decades before decolonization.

Prerequisites

Completion of one FSLT taught in the English department or GS 290 with a grade of C or better.

ENGL 353 American Realism and Regionalism

Units: 1

Description

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.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better.

ENGL 354 Literature of the American South

Units: 1

Description

Representative poetry and prose of the southern states, with attention to cultural, social, and political backgrounds.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better.

ENGL 355 Race and Ethnicity in American Literature

Units: 1

Description

Literature by American writers dealing with issues of racial or ethnic identity studied in relation to historical contexts. May be repeated for credit as content changes.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better.

ENGL 356 Twentieth-Century American Poetry

Units: 1

Description

Analysis of representative works by major American poets, with demonstration of modern technical innovations and discussions of thematic concerns.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better.

ENGL 357 Twentieth-Century American Fiction

Units: 1

Description

Attention to new concerns and new forms of fiction in the 20th century.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better or permission of instructor.

ENGL 358 African-American Women Writers

Units: 1

Description

Representative prose and poetry written by African-American women.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better.

ENGL 359 Contemporary American Literature

Units: 1

Description

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.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a grade of C or better.



ENGL 361 Literature and Film

Units: 1

Description

Examines the filmic adaptation of literary works, with particular consideration given to questions of genre, interpretation, and historical relevance.

Prerequisites

English 220, completion of one FSLT taught in the English department, or FMST 201 with a grade of C or better.

ENGL 362 Post-Soul Literature and Culture

Units: 1

Description

Survey of works by African-American verbal artists who came of age after the civil-rights movement.

Prerequisites

Completion of one FSLT taught in the English department or American Studies 201 with a C or better

ENGL 367 Indigenous Film in North America

Units: 1

Description

An introduction to indigenous cinema in the United States and Canada. Forms and topics studied include ethnographic film, western and anti-western, contemporary first contact films; American Indian documentary, experimental video, and feature film; multiculturalism and the aesthetics and politics of indigenous representation.

Prerequisites

English 220, completion of one FSLT taught in the English department, or Film Studies 201 with a grade of C or better.

ENGL 368 History and Aesthetics of Film

Units: 1

Description

Takes one of a range of approaches to considering film historically. It could trace the development of particular genres, national cinemas, or cinematic movements (such as Italian neorealism or the so-called "art film"); the course may also examine the workings of the Hollywood industry in connection with cultural and social issues such as race relations, gender roles, or depictions of sexuality. In any version of the course students consider properties of filmic expression in its technical or aesthetic aspects and in connection with cinema history.

Prerequisites

English 220, completion of one FSLT taught in the English department, or Film Studies 201 with a grade of C or better.

ENGL 369 American Culture/American Film

Units: 1

Description

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.

Prerequisites

English 220, completion of one FSLT taught in the English department, American Studies 201, or Film Studies 201 with a grade of C or better.

ENGL 370 Selected Topics in Literature after the Early to Mid-19th Century

Units: 1

Description

Topics will vary from semester to semester. Recently offered topics include Victorian Fantasy, Modernisms, and Blackface! May be repeated for credit as topic varies.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

Group C Other Advanced Courses in Literature, Language and Writing

ENGL 372 Theater and Society

Units: 1

Description

Study of theater with regard to its social relevance.

Examination of the ways in which theater not only reflects but also seeks to intervene in cultural and political debates relevant to a given society. Attention to the politics of form and production as well as to the politics of reception.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 374 Film Theory

Units: 1

Description

Surveys the various ways in which thinkers have conceived of cinema since before its inception--what André Bazin referred to as "the film idea"--to contemporary debates about the "end" of film and the advent of New Media.

Prerequisites

English 220, completion of one FSLT taught in the English department, or Film Studies 201 with a grade of C or better.

ENGL 375 Critics Since Plato

Units: 1

Description

Ways of looking at art and literature in their philosophical context. Theories applied to a variety of literary texts.

Prerequisites

One unit of 300-level English with a grade of C or better.

ENGL 376 Modern Literary Theory

Units: 1

Description

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

One unit of 300-level English with a grade of C or better.

ENGL 377 Poetics

Units: 1

Description

How creative tools available to poets shape and influence presentation of theme.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 378 The Novel in Theory and Practice

Units: 1

Description

Considers novels in the context of a variety of theoretical approaches, asking what theory can tell us about the novel and, equally important, what the novel can tell us about theory.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 379 Film Directors

Units: 1

Description

Examines the work of individual or a small group of film directors. The directors considered will vary and include figures such as Alfred Hitchcock, Stanley Kubrick, and the Coen Brothers. Special attention will be paid to theories of film authorship, the concept of film style and film aesthetics, and various critical approaches.

Prerequisites

English 220, completion of one FSLT taught in the English department, or Film Studies 201 with a C or better

ENGL 380 Special Topics: Film Genres

Units: 1

Description

The close consideration of single or small numbers of film genres: their inception, evolution, aesthetic and stylistic properties, and interaction with other cultural forms and institutions. The genres under consideration will vary and include Film Noir, Melodrama, and the Western, among others. May be repeated for credit as topic varies.

Prerequisites

Film Studies 201, English 220, completion of one FSLT taught in the English department with a grade of C or better.

ENGL 381 Modern Grammar

Units: 1

Description

Introduction to linguistics, including theories and practices of structuralists and transformationalists. (Meets state licensure requirements for teaching.)

Prerequisites

First Year Seminar 100.

ENGL 383 Introduction to Composition Theory and Pedagogy

Units: 1

Description

Serves as practicum for writing consultants - and students seeking teacher licensure.

Prerequisites

Permission of instructor.

ENGL 385 Fiction Writing

Units: 1

Description

Analysis of literary models. Discussion and evaluation of students' own fiction. May be taken up to three times for credit. Same as CRWR 385.

Prerequisites

English 200 with a grade of C or better.

ENGL 386 Poetry Writing

Units: 1

Description

Analysis of literary models. Discussion and evaluation of students' own poetry. May be taken up to three times for credit. Same as CRWR 386.

Prerequisites

ENGL 200 with a grade of C or better.

ENGL 390 Literary Translation

Units: 1

Description

Introduces students to the history, theory, and practice of translation, with a particular emphasis on translation after 1900.

Prerequisites

One 200-level English course or 300-level LLC or LAIS course with a grade of C or better.

ENGL 391 Themes and Methods in Comparative Literature

Units: 1

Description

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.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 392 Creative Nonfiction Writing

Units: 1

Description

Analysis of literary models. Discussion and evaluation of students' own creative nonfiction. May be taken up to three times for credit. Same as CRWR 392.

Prerequisites

English 200 with a grade of C or better.

ENGL 393 Literary Editing and Publishing

Units: 1

Description

Provides students the opportunity to learn about literary editing and publishing from both editors' and writers' perspectives.

Prerequisites

One 200-level English course or JOUR 202 or JOUR 314.

ENGL 397 Selected Topics in Writing

Units: 1

Description

Topics in creative writing. These will vary from semester to semester at the discretion of the instructor. Recently offered topics include Mixed-Media Writing and Micro Narratives. May be repeated for credit as topic varies. Same as CRWR 397.

Prerequisites

English 200 with a grade of C or better.

ENGL 398 Independent Study

Units: .25-1

Description

Individually designed course of study conducted under supervision of faculty member.

Prerequisites

Approval of directing faculty member.

ENGL 399 Selected Topics

Units: 1

Description

Topics will vary from semester to semester.

Prerequisites

Completion of one FSLT taught in the English department with a grade of C or better.

ENGL 400 Junior/Senior Seminar

Units: 1

Description

In-depth treatment of topics in genre, historical periods, critical theory, single authors such as Milton, Faulkner, or Woolf, and other areas of literary study. Topics vary from semester to semester. Recently offered topics include the African American Novel, Children's Literature and Theology, Civil War Literature, New York School Poets, Self as Performance in the Renaissance, Women and Creativity, and Medicine, Mortality and Meaning. English majors usually take one seminar in the junior year and one in the senior year although if necessary both may be taken in the senior year. May be repeated for credit, provided topics are different.

Prerequisites

Completion of one FSLT taught in the English department, and two 300-level English courses with grades of C or better.

ENGL 401 Creative Writing Portfolio

Units: 1

Description

An advanced creative writing course in which students pursue a semester-long project or portfolio in any genre (poetry, fiction, drama, creative nonfiction, screenwriting, multimedia, etc.) and workshop their works in progress. Appropriate for students working in traditional forms (e.g. short-story, poetry, memoir, etc.) or students working in forms not typically covered by other writing courses (e.g. graphic novel, screenplay, multimedia, etc.). May be repeated once for credit, but only one may count towards the minor in Creative Writing. Same as CRWR 401.

Prerequisites

One of the following: English 385, 386, 387, 392, or 397.

Other English courses

ENGL 388 Individual Internship

Units: .25-1

Description

Application of academic skills and theories in placement approved by department. Includes academic work. Supervised by member of the English faculty. No more than one unit of credit may be earned in English 388.

Prerequisites

One unit 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.

ENGL 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

ENGL 498 Honors Thesis Research

Units: .5

Description

Research for the honors thesis in English under the direction of a faculty advisor.

Prerequisites

Department approval.

ENGL 499 Honors Thesis Writing

Units: 1

Description

Writing of the honors thesis in English under the direction of a faculty advisor.

Prerequisites

Department approval.

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## Environmental Studies

*Carrie Wu, Coordinator (Biology)*

*Associate Professors Finley-Brook (Environmental Studies and Geography), Lookingbill (Environmental Studies and Geography), Salisbury (Environmental Studies and Geography), Stevenson (Chemistry and Environmental Studies)*

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 must be no less than 2.00 with no course grade below C- (1.70) in all courses other than Calculus II.

For the Bachelor of Arts degree

12 units, including:

12 units, including:

ENVR 201 Introduction to Environmental Studies

ENVR 230 Environmental Economics

ENVR 269 Topics in Environmental Ethics

ENVR 362 Environmental Law and Policy

ENVR 391 Environmental Senior Seminar

One course in environmental life science chosen from:

- BIOL 109\*/ENVR 109 Introduction to Ecology
- BIOL 111/ENVR 111 Marine Biology of the Chesapeake Bay
- BIOL 207\* Ecology
- ENVR 199 Introduction to Biological Thinking

One course in physical environmental science chosen from:

- CHEM 110/ENVR 110 Pollutants in the Environment
- CHEM 316 Environmental Chemistry
- ENVR 250 Introduction to Earth Systems and Physical Geography

Introductory statistics requirement: MATH 209 (preferred), BIOL 320, BUAD 202, CHEM 300, PSYC 200, or equivalent course approved by the ES coordinator

One course in environmental research methods, chosen from:

- ANTH 211 Field Methods in Ethnography
- CHEM 301 Quantitative Chemical Analysis
- CHEM 302 Instrumentation and Spectroscopy
- CHEM 303 Chemical Separations
- ECON 370 Advanced Econometrics
- ENVR 260 Foundations of Geospatial Analysis
- MATH 219 Introduction to the Design of Experiments
- MATH 304\* Math Models in Biology and Medicine
- MATH 324\* Continuous Math Methods
- PLSC 270 Social Science Inquiry
- SOC 211 Sociological Research Methods and Data Analysis

Three units of electives approved for environmental studies, at least one-half unit of which must be an experiential learning course (ENVR 320, ENVR 388, ENVR 406, GEOG 406, or equivalent)

For the Bachelor of Science degree

15 units, including:

- ENVR 201 Introduction to Environmental Studies
- ENVR 230 Environmental Economics
- ENVR 269 Topics in Environmental Ethics

ENVR 362 Environmental Law and Policy

ENVR 391 Environmental Senior Seminar

One course in environmental life science chosen from:

- BIOL 109\*/ENVR 109 Introduction to Ecology
- BIOL 111/ENVR 111 Marine Biology of the Chesapeake Bay
- BIOL 207\* Ecology
- ENVR 199 Introduction to Biological Thinking

One course in physical environmental science chosen from:

- CHEM 110/ENVR 110 Pollutants in the Environment
- CHEM 316 Environmental Chemistry
- ENVR 250 Introduction to Earth Systems and Physical Geography

Introductory statistics requirement: MATH 209 (preferred), BIOL 320, BUAD 202, CHEM 300, PSYC 200, or equivalent course approved by the ES coordinator

One course in environmental research methods, chosen from:

- ANTH 211 Field Methods in Ethnography
- CHEM 301 Quantitative Chemical Analysis
- CHEM 302 Instrumentation and Spectroscopy
- CHEM 303 Chemical Separations
- ECON 370 Advanced Econometrics
- ENVR 260 Foundations of Geospatial Analysis
- MATH 219 Introduction to the Design of Experiments
- MATH 304\* Math Models in Biology and Medicine
- MATH 324\* Continuous Math Methods
- PLSC 270 Social Science Inquiry
- SOC 211 Sociological Research Methods and Data Analysis

Three units of electives approved for environmental studies, at least one-half unit of which must be an experiential learning course (ENVR 320, ENVR 388, ENVR 406, GEOG 406, or equivalent)

One of MATH 212 Calculus II or MATH 232 Scientific Calculus II or MATH 289 Introduction to Data Science

Two units in biology, chemistry, or physics at or above the 300 level

\*The following courses involve significant overlap in content: BIOL 109/BIOL 207; and MATH 304/MATH 324. Credit toward the major can be given for only one course in each pair; for example, credit can be given for either BIOL 109 or BIOL 207 but not both.

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

### 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).

Six units, including:

ENVR 201 Introduction to Environmental Studies

ENVR 269 Topics in Environmental Ethics

Either ENVR 230 Environmental Economics or ENVR 362 Environmental Law and Policy

One course in environmental life science chosen from:

BIOL 109\*/ENVR 109 Introduction to Ecology

BIOL 207 Ecology

BIOL 111/ENVR 111 Marine Biology of the Chesapeake Bay

ENVR 199 Introduction to Biological Thinking

One course in physical environmental science chosen from:

CHEM 110/ENVR 110 Pollutants in the Environment

CHEM 316 Environmental Chemistry

ENVR 250 Introduction to Earth Systems and Physical Geography

One approved elective in environmental studies

\*Credit toward the Environmental Studies minor will be given for either BIOL 109 or BIOL 207, but not both. Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted.

### Paths of Study in Environmental Studies

Note: A student does not have to choose a path of study in order to receive a degree in environmental studies. Students may satisfy the elective units requirement of the degree by pursuing one of the following paths of study:

Environmental Science Path of Study

Three units of electives, chosen from:

BIOL 111/ENVR 111 Marine Biology of the Chesapeake Bay

BIOL 225 Evolution

BIOL 306 Systematic Botany

BIOL 331 Molecular Ecology

BIOL 333 Microbial Ecology

BIOL 344 Behavioral Ecology

BIOL 383 Tropical Biology and Conservation

CHEM 110/ENVR 110 Pollutants in the Environment

CHEM 316 Environmental Chemistry

ENVR 250 Earth Systems and Physical Biology

ENVR 350 Environmental Gradients

GEOG 315 Landscape Ecology

Environment and Society Path of Study

Three units of electives, chosen from:

ECON 211 Economic Development in Asia, Africa and Latin America

ENVR 330 Environmental and Resource Economic Theory

GEOG 220 Ecotourism

GEOG 320 Power, Space, and Territory: Geographies of Political Change

GEOG 333 Geographies of Amazonia

GEOG 345 Global Sustainability: Society, Economy, Nature

GEOG 370 Geographies of Economic Development and Globalization

HIST 390 Food and Power in Africa and Asia

JOUR 304 Reporting on the Environment

MGMT 348 Environmental Management

PLSC 260 Introduction to Public Policy

PLSC 360 International Development Policy

Experiential learning (ENVR 388, ENVR 320, or equivalent) and Special Topics (ENVR 300) may be counted towards a path of study with approval of the environmental studies coordinator.

### Electives



ANTH 211 Field Methods in Ethnography	ENVR 360 / GEOG 360 Environmental Remote Sensing
BIOL 108 Environmental Biology	ENVR 362 / PLSC 362 Environmental Law and Policy
BIOL 111 Marine Biology of the Chesapeake Bay	ENVR 365 / GEOG 365 Advanced Spatial Analysis
BIOL 225 Evolution	ENVR 388 Individual Internship
BIOL 306 Systematic Botany	ENVR 390 Independent Study
BIOL 331 Molecular Ecology	GEOG 320 Power, Space and Territory: Geographies of Political Change
BIOL 332 Tropical Marine Biology	GEOG 333 Geographies of Amazonia
BIOL 333 Microbial Ecology	GEOG 345 Global Sustainability: Society, Economy, Nature
BIOL 334 Oceanography	GEOG 370 Geographies of Economic Development and Globalization
BIOL 344 Behavioral Ecology	HIST 390 Food & Power in Africa and Asia
BIOL 381 Advanced topics in Ecology	MGMT 348 Environmental Management
BIOL 382 Conservation Biology	MGMT 353 Sustainability and Accountability in Business
BIOL 383 Tropical Biology & Conservation	MATH 219 Introduction to the Design of Experiments
CHEM 110 Pollutants in the Environment	MATH 304 Math Models in Biology and Medicine
CHEM 301 Quantitative Chemical Analysis	PLSC 260 Introduction to Public Policy
CHEM 302 Instrumentation and Spectroscopy	PLSC 360 International Development Policy
CHEM 303 Chemical Separations	RELG 269 Ethics, Religion and the Environment
CHEM 316 Environmental Chemistry	RELG 374 Religion and the American Environment
ECON 211 Economic Development in Asia, Africa and Latin America	SOC 211 Sociological Research Methods
ECON 230 Environmental Economics	
ECON 370 Advanced Econometrics	
ENVR 215 / GEOG 215 Geography of the James	<b>Courses</b>
ENVR 220 / GEOG 220 Ecotourism	ENVR 109 Introduction to Ecology
ENVR 250 / GEOG 250 Introduction to Earth Systems and Physical Geography	Units: 1
ENVR 260 / GEOG 260 Foundations of Geospatial Analysis	Fulfills General Education Requirement (FSNB)
ENVR 300 Special Topics	Description
ENVR 315 Landscape Ecology	See BIOL 109.
ENVR 322 The Global Impact of Climate Change	ENVR 110 Pollutants in the Environment
ENVR 330 / ECON 330 Environmental and Resource Economic Theory	Units: 1
ENVR 350 Environmental Gradients	Fulfills General Education Requirement (FSNC)
	Description
	See CHEM 110.
	ENVR 111 Marine Biology of the Chesapeake Bay
	Units: 1
	Fulfills General Education Requirement (FSNB)
	Description
	See BIOL 111.
	ENVR 199 Introduction to Biological Thinking
	Units: 1
	Fulfills General Education Requirement (FSNB)
	Description

Same as BIOL 199.

Prerequisites

Cross-listed with BIOL 199 when appropriate.

ENVR 201 Introduction to Environmental Studies

Units: 1

Description

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.

ENVR 215 Geography of the James River Watershed

Units: 1

Description

(See Geography 215)

ENVR 220 Ecotourism

Units: 1

Description

(See Geography 220)

ENVR 230 Environmental Economics

Units: 1

Description

(See Economics 230.)

Prerequisites

Economics 101.

ENVR 250 Introduction to Earth Systems and Physical

Geography

Units: 1

Fulfills General Education Requirement (FSNB)

Description

(See Geography 250.)

ENVR 260 Foundations of Geospatial Analysis

Units: 1

Description

(See Geography 260.)

ENVR 269 Topics in Environmental Ethics

Units: 1

Description

Introduces students to the moral issues and ethical approaches that characterize interaction with our natural environment. Topics will vary but will typically include issues such as our moral obligation to nonhuman species and to future human generations, and ethical analysis of contemporary environmental issues such as climate change and species extinction.

ENVR 300 Special Topics

Units: .5-1

Description

Selected topics about the environment.

ENVR 315 Landscape Ecology

Units: 1

Description

Applied science that focuses on the development, consequences, and management of environmental patterns. These patterns include the spatial distributions of species and

the environment resources upon which they depend.

Attention is paid to the importance of scale in natural resource management. Landscape ecology also emphasizes the role of humans in the environment.

Prerequisites

Geography/Environmental Studies 250, Environmental Studies 201, Biology 207, or permission of instructor

ENVR 320 Directed Research

Units: .5

Description

Research with a faculty member in an environmental area.

ENVR 322 The Global Impact of Climate Change

Units: 1

Description

Rapid climate change is causing an increase in the temperature of the atmosphere and oceans. This is a truly global problem that requires international research and collaboration to resolve. The USA is a major producer of the atmospheric "greenhouse" gases that make a significant contribution to this global "anthropogenic" warming. The aim of this course is to introduce students to the global environmental impact of anthropogenic climate change, and to challenge students to think about the possible impact of the way we live in the USA on poor, marginalized and at risk communities around the world. Same as Geology 322U.

ENVR 360 Environmental Remote Sensing

Units: 1

Description

(See Geography 360.)

Prerequisites

Environmental Studies/Geography 260 or permission of instructor.

ENVR 362 Environmental Law and Policy

Units: 1

Description

(See Political Science 362.)

Prerequisites

Environmental Studies 201 or Political Science 260.

ENVR 364 Environmental Geology

Units: 1

Description

Introduces students to the global environmental impact of anthropogenic climate change and the possible impact of the way we live in the USA on poor, marginalized, and at risk communities around the world.

ENVR 365 Advanced Spatial Analysis

Units: 1

Description

(See Geography 365.)

Prerequisites

Environmental Studies/Geography/Biology 260.

ENVR 366 International Environmental Law

Units: 1

Description

Explores how the international community has managed and mismanaged global environmental problems since the watershed UN Conference on Environment and

Development in 1992. Involves a mix of readings, discussions, and simulations in various fields of international environmental law, with a particular focus on climate change, biodiversity, and international regulation of toxic hazards. Cross-cutting themes include North/South disputes, the precautionary principle, liability as a compliance mechanism, and the involvement of non-state actors in creating and implementing international environmental law. The major assignment for the course will be a seminar research paper. Same as LAWE 729.

ENVR 388 Individual Internship

Units: .5

Description

Supervised independent field work. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of environmental studies coordinator.

ENVR 390 Independent Studies

Units: .5-1

Description

Topics independently pursued under supervision of a faculty member.

Prerequisites

Permission of instructor

ENVR 391 Environmental Senior Seminar

Units: 1

Description

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.

Prerequisites

Permission of environmental studies coordinator.

ENVR 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

## Film Studies

*Jessica Chan, Coordinator (Languages, Literatures, and Cultures)*  
*Professor Bower (Languages, Literatures, and Cultures), Ravoux-Kirkpatrick (Languages, Literatures, and Cultures), Siebert (English)*  
*Associate Professors Cheever (English), Damer (Classical Studies), Drummond (Visual Media and Arts Practice & Art History), Hodieme (Journalism), Lurie (English), Riehl (Music),*  
*Assistant Professor Chan (Languages, Literatures, and Cultures)*

The film studies major is designed to furnish an integrated, interdisciplinary approach to the study of cinema, providing work in film history, theory, aesthetics, and production and considering U.S., international, indigenous and ethnic films. Students choose among courses offered in a number of different departments and programs to explore how individual movies, particular genres and stylistic movements, groundbreaking directors, and different regional, ethnic, and national film traditions reflect and influence the worlds of which they are a part. In so doing, students develop crucial skills in critical thinking, visual and textual analysis, and written and verbal communication that are vital for success in the majority of today's careers.

The major consists of ten courses. Three core courses are required: the introduction to film studies, the introduction to film production, and a capstone research seminar to be taken in the senior year. The remaining courses are electives offered by departments such as art and art history, classical studies, English, journalism, latin American and iberian studies, modern literatures and cultures, and music. These courses have been divided into three groups (A, B, and C); students choose two courses each from groups A and B. This range of courses provides students with the opportunity to construct a program of study that is targeted to their particular interests.

New courses are continually being developed, so check the film studies web site and BannerWeb for the most up to date schedule of recent and upcoming courses.

### The Film Studies Major

Note: A grade of C (2.0) or better is required in all coursework comprising the Film Studies major.

10 units, including:

FMST 201 Introduction to Film Studies

FMST 202 Introduction to Film Production

FMST 400 Research Seminar

Two Group A courses

Two Group B courses

Three additional courses from either Group A, B, or C (The course groupings are listed under the Film Studies Course Groups tab.)

Note: No more than three courses can be taken at the 200-level or below without permission of the relevant professor and the film studies coordinator.

### The Film Studies Minor

Six units, including:

FMST 201 Introduction to Film Studies

FMST 202 Introduction to Film Production

One Group A course

One Group B course

Two additional courses from either Group A, B, or C  
(The course groupings are listed under the Film Studies  
Course Groups tab.)

Note: No more than three courses can be taken at the 200-  
level or below without permission of the relevant professor  
and the film studies coordinator

### Film Studies Course Groups

Core Curriculum:

FMST 201 Introduction to Film Studies

FMST 202 Introduction to Film Production

FMST 400 Research Seminar

Group A Courses:

ENGL 367 Indigenous Film in North America

FMST 265 German Cinema

FMST 367 Culture in the Making: Conception and  
Actualization of a Film Festival

FMST 371 Introduction to Latin American Film

FREN 465 French Film

LLC 227 Action Genre in East Asian Cinema

LLC 355 Chinese Cinema

Group B Courses:

CLCS 329 The Ancient World in Cinema

ENGL 361 Literature and Film

ENGL 368 History and Aesthetics of Film

ENGL 369 American Culture/American Film

ENGL 379 Film Directors

ENGL 380 Film Genres

FMST 374 Film Theory

MUS 221 Music in Film

Group C Courses:

FMST 203 Images and Sound: Introduction to the Language  
of Film

FMST 302 Intermediate Film Production

JOUR 307 Documentary Journalism

VMAP 117 Introduction to Film, Sound and Video

VMAP 260 Thematic Explorations in Sound and Video Art

VMAP 310 Time-Based Media Studio

Additional courses:

FMST 397 Selected Topics in Film Studies (depending on  
subject matter, each iteration of this course would be  
categorized as either Group A, B, or C and apportioned  
accordingly)

### Courses

FMST 201 Introduction to Film Studies

Units: 1

Fulfills General Education Requirement (FSLT)

Description

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. (Same as ENGL  
220.)

FMST 202 Introduction to Film Production

Units: 1

Description

The art and technique of film production, including the  
fundamental principles of shot composition, lighting, sound,  
and editing and development of critical and aesthetic  
sensibilities.

Prerequisites

FMST 201 with at least a C.

FMST 203 With Images and Sound: Introduction to the  
Language of Film

Units: 1

Fulfills General Education Requirement FSVP

Description

A study of the film medium by a systematic discussion of the  
ways in which meaning is constructed by viewers, and how  
images are used to communicate. The discussion of the  
mechanisms at work in contemporary visual culture will be  
undertaken through complementary activities, both analytical  
and creative, emphasizing a direct experience with the  
medium. Additionally, students will view and discuss  
significant films, from various film traditions, which  
exemplify the theoretical questions discussed.

FMST 265 German Cinema

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Survey of German cinema from the 1930s to the present  
emphasizing the historical and cultural context in which the  
films were produced. (Same as LLC 265.)

FMST 302 Intermediate Film Production

Units: 1

Description

Intensive film production course for students with previous  
filmmaking experience. Includes sophisticated technical and

aesthetic skills involved in professional level film production through writing, producing, and directing narrative films.

Prerequisites  
Film Studies 202

FMST 367 Culture in the Making: Conception and Actualization of a Film Festival

Units: 1

Description

Experience in the creation and preparation of a major annual cultural event, the French Film Festival presented by the University of Richmond and VCU, leading to significant enhancement of knowledge of contemporary cinema and culture, exposure to production and distribution models, and to cultural management. (Same as FREN 467.)

Prerequisites  
Either FMST 201 or 202.

FMST 371 Introduction to Latin American Film

Units: 1

Description

Study of prominent examples of Latin American film production with special attention paid to aesthetic aspects of cinematographic language and cultural questions embodied in the films examined. (Same as LAIS 371.)

Prerequisites  
For LAIS majors/minors: LAIS 309. For FMST majors/minors: FMST 201 or 202 with a grade of C or better.

FMST 374 Film Theory

Units: 1

Description

The course examines several different approaches to understanding what is unique the film medium as a both an expressive art and a social and critical discourse. Models include the classic theories of realism of André Bazin and Siegfried Kracuer; the social and material history of Walter Benjamin, Theodor Adorno, and the Frankfurt School; feminism and gender studies; phenomenology; sound in cinema; critical race theory and whiteness studies; and digital media, among others. (Same as English 374.)

Prerequisites  
Film Studies 201 or English 220, 297, or 298 with a grade of C or better.

FMST 388 Individual Internship

Units: 1

Description

Application of skills outside of the department in areas related to film studies. Possibilities might include working for a film festival or film series, on a film under production, or in associated fields. No more than one unit may apply towards the degree.

Prerequisites  
Departmental approval

FMST 397 Selected Topics

Units: 1

Description

Selected topics in film studies (such as various national cinemas; the significance of particular directors, schools, or movements; period designations, or thematic approaches) for students pursuing a Film Studies major.

FMST 399 Independent Study

Units: .5-1

Description

Individually designed course of study supervised by a faculty member.

Prerequisites  
Department Approval

FMST 400 Research Seminar

Units: 1

Description

Required seminar for majors taken in junior or senior year. Seminar focused around the in-depth study of an individual topic, culminating in a substantial research paper. Topics and instructors vary from semester to semester.

Prerequisites  
Film Studies 201 or English 220 with a grade of C or better

FMST 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites  
Approval for summer Arts and Sciences fellowship by faculty mentor.

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## First-Year Seminar

*Mary Kelly Tate (Law), Coordinator*

First-Year Seminars (FYS) provide entering students the excitement of engaged learning through a diverse array of seminar topics. With small classes, a variety of topics, and close contact with faculty, First-Year Seminars offer a hands-on introduction to academic inquiry.

A wide variety of seminars will be offered each year, drawn from every school of the University. Each entering student will take a FYS in the fall and spring of the first year.

First-Year Seminars serve as an introduction to academic inquiry and the modes of expression that lie at the heart of a liberal arts education. They foster habits of mind fundamental to students' intellectual and academic development, including critical reading and thinking, sharing ideas and research through discussion, and the ability to write and think clearly and effectively. Integrating explorations of specific questions and topics with the development of skills, seminars aim to foster intellectual curiosity and students' ability to act on it.

All First-Year Seminars have the same five common goals:

1. expand and deepen students' understanding of the world and of themselves
2. enhance their ability to read and think critically
3. enhance their ability to communicate effectively, in writing, speech, and other appropriate forms



4. develop the fundamentals of information literacy and library research
5. provide the opportunity for students to work closely with a faculty mentor

### Course

FYS 100 First Year Seminar

Units: 1

Fulfills General Education Requirement First Year Seminar

#### Description

Allows students to choose from a list of special topics courses while they pursue a shared set of educational goals. All seminars are designed to expand the students' understanding of the world, enhance their ability to read and think critically, enhance their ability to communicate effectively in writing, speech, and other appropriate forms, develop fundamentals of information literacy and library research, and provide the opportunity for students to work closely with a faculty mentor. Topics descriptions for each term can be found on the FYS website. Students must take two different FYS 100 courses to meet the First Year Seminar degree requirement.

#### Prerequisites

First-year standing.

## French Program

Department of Languages, Literatures, and Cultures

*Françoise Ravoux-Kirkpatrick, Section Coordinator*

*Professors Kapanga, Ravoux-Kirkpatrick*

*Associate Professors Delers, Pappas, Radi*

*Director of Intensive Language Program Baker*

*Director of Global Studio Marsh-Soloway*

This section contains information specific to the degree programs in French. For full information regarding departmental policies relevant to all the LLC degree programs, study abroad, and course sequencing, see the main page of the Department of Languages, Literatures, and Cultures.

### The French 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). Majors must take at least one 400-level class on campus after studying abroad, regardless of whether or not they have sufficient credits to fulfill the major requirements.

Nine courses, including:

FREN 305 Writing in French through Culture and Literature

One course, chosen from:

FREN 301 French Conversation through Cinema

FREN 304 French Grammar Review

FREN 306 French at Work

FREN 311 French and Francophone Cultures

Two courses, chosen from:

FREN 320 The Individual in Society

FREN 324 Francophone Literatures and Cultures

FREN 325 Medieval and Early Modern Society

FREN 326 Revolution in France

FREN 327 The Question of Modernity

FREN 328 Introduction to Magrheb Literature and Culture

Four 400-level courses, at least three of which are numbered 411 or higher

One unit elective at the 300 or 400 level (may be an LLC course with CLAC component)

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

### The Residency Requirement

For all French majors, at least five of the nine courses required for the major must be taken on the University of Richmond campus. French majors and minors must take at least one 400-level class on campus after studying abroad, regardless of whether or not they have sufficient credits to fulfill the major or minor requirements.

### The French 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). Minors must take at least one 400-level class on campus after studying abroad, regardless of whether or not they have sufficient credits to fulfill the minor requirements.

Nine courses, including:

FREN 305 Writing in French through Culture and Literature

One course, chosen from:

FREN 301 French Conversation through Cinema

FREN 304 French Grammar Review

FREN 306 French at Work

FREN 311 French and Francophone Cultures

Two courses, chosen from:

FREN 320 The Individual in Society

FREN 324 Francophone Literatures and Cultures

FREN 325 Medieval and Early Modern Society

FREN 326 Revolution in France

FREN 327 The Question of Modernity

FREN 328 Introduction to Magrhebian Literature and Culture

Four 400-level courses, at least three of which are numbered 411 or higher

One unit elective at the 300 or 400 level (may be an LLC course with CLAC component)

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

### The Residency Requirement

For all French majors, at least five of the nine courses required for the major must be taken on the University of Richmond campus. French majors and minors must take at least one 400-level class on campus after studying abroad, regardless of whether or not they have sufficient credits to fulfill the major or minor requirements.

### Study Abroad

Study and travel abroad are strongly encouraged for all students. For students of French, the department offers a summer study program in La Rochelle, France. In addition, there are exchange agreements for study during the academic year in France, Switzerland, and West and North Africa. For a complete list, contact the Office of International Education. Students majoring and minoring in French are strongly encouraged to complete one course in the French 320 series before studying abroad; minimally students should have completed French 305. For information on transferring courses for the French major and minor, contact Dr. Kapanga or Dr. Pappas.

### The French Major/International Business Option

(Earned in conjunction with a major in the Robins School of Business with an international business concentration.)

Nine courses and an interdisciplinary research project in addition to completing all requirements of the international business concentration for the business administration major including:

Three 300-level courses (at least one FSLT), normally taken prior to study abroad

Two 400-level seminars following required study abroad

One semester full-time study at an approved business school (with all-French curriculum) in a French-speaking country (four courses)

IDST 379 Interdisciplinary Research Project

The French major/international business option represents a collaborative project between the Department of Languages, Literatures, and Cultures in the School of Arts and Sciences and the International Business Program in the Robins School of Business. Designated faculty members from each program will advise students upon declaration and as they progress through the major. The curriculum includes a semester abroad at one of the University's partner institutions with all-French curriculum (for example, ESSEC, Rouen Business School, or Université Catholique de Lille). 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 LLC.

### Honors Program

French Honors Program is designed for outstanding students with intellectual initiative and the desire to pursue academic achievement beyond the level of standard course work. Students will engage in independent research and work closely with a faculty advisor on an Honors Thesis during their senior year.

#### Eligibility and Admission

To qualify for the Honors Program in French, a student should have:

- 18.5 or more units completed overall
- At least a 3.30 cumulative grade point average for all courses, and a 3.50 cumulative grade point average for French courses

A student who does not meet these qualifications may be admitted to the Program with the special recommendation of the faculty of the French section of the Department of Languages, Literatures, and Cultures and the approval of the Faculty Committee on the Honors Program. To enter the Honors Program, students must submit to the Honors coordinator of the French program a letter of intent, with nominating support from one faculty member, by March 15 of their junior year. Each student will be assigned an Honors research advisor with whom he or she will design a program of study that indicates how the student's Honors Program will be accomplished.

#### Program Requirements

To receive credit for the Honors Program, the student must:

- Fulfill the normal requirements for the B.A. in French.
- Take two 400-level French courses on campus for Honors credit. These courses will require extra work (supplementary readings and/or assignments, independent research on a topic related to the

course, for instance). The extra work will be decided by the course instructor and vetted by the French Honors coordinator to ensure consistency.

- Take FREN 491 (Honor Thesis I, 0.5 unit, fall of senior year) and FREN 492 (Honor Thesis 2, 1 unit, spring of senior year) in order to complete a 25-30 page Honors Thesis written in French. This thesis will be based on extensive research and make an original contribution to French and Francophone studies. The student and his or her advisor should develop a schedule to meetings and assessment that they find appropriate and meet at least once a month. Honors students must present their thesis at the French Studies symposium at the end of their senior year. They are also strongly encouraged to apply for a Summer Research Fellowship during their junior year. The thesis will be graded by at least two readers, including the student's thesis advisor.

Students may withdraw at any time. If they do not complete required additional work or maintain an overall 3.3 grade point average and a 3.5 grade point average for French coursework, students will not receive credit for the Honors Program, and the department will submit a request for withdrawal to the Faculty Committee on the Honors Program.

### Courses

FREN 121 Intensive Elementary French

Units: 2

Description

Introduction to French language and culture. Emphasis on oral communication. Development of elementary reading and writing skills.

Prerequisites

Permission of department.

FREN 221 Intensive Intermediate French

Units: 2

Fulfills General Education Requirement (COM2)

Description

Reinforcement of communicative language skills. Increased emphasis on reading, writing, and culture.

Prerequisites

French 121 or equivalent.

FREN 301 French Conversation through Cinema

Units: 1

Description

Development of speaking ability in French, with stress upon vocabulary expansion, pronunciation and communicative accuracy, through representations of French culture in film.

Prerequisites

French 221 or permission of department.

FREN 304 French Grammar Review

Units: 1

Description

An in-depth study of French grammar designed to improve the written expression of more advanced students in preparation for writing.

Prerequisites

French 301, 305, 306, 311, or permission of instructor.

FREN 305 Writing in French through Culture and Literature  
Units: 1

Description

Develops competent writing skills through topics in French and Francophone literature and culture. Students will engage in writing exercises in a variety of textual genres including essay, review, explication de texte (textual explication), and short paper.

Prerequisites

French 221 or permission of department.

FREN 306 French at Work

Units: 1

Description

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.

FREN 311 French and Francophone Culture

Units: 1

Description

Exploration of significant themes and issues in contemporary French and Francophone cultures set in the context of French history and cultural traditions.

Prerequisites

French 221 or permission of department.

FREN 320 The Individual in Society

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Introduces students to works of literature written in French from a variety of genres (poetry, prose, and theatre) and to critical writing in French.

Prerequisites

French 305 plus one of the following: French 301, 304, 306 or 311.

FREN 324 Francophone Cultures and Literatures

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Explores contemporary Francophone literatures and cultures through texts by African, Caribbean, Maghrebian, and Canadian writers.

Prerequisites

FREN 305 and one of FREN 301, 304, 306, or 311.

FREN 325 The Origins of France

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Studies in French literature, history, and culture from the Medieval period to the Enlightenment.

Prerequisites

FREN 305 and one of FREN 301, 304, 306, or 311

FREN 326 Revolution in France

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Studies in French literature, history, and culture related to the concept of revolution with special emphasis on the Enlightenment and the 19th century.

Prerequisites

FREN 305 and one of FREN 301, 304, 306, or 311

FREN 327 The Question of Modernity

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Studies in French literature, history, and culture related to modern French society and the French-speaking world.

Prerequisites

FREN 305 and one of FREN 301, 304, 306, or 311

FREN 328 Introduction to Magrhebian Literature and Culture

Units: 1

Fulfills General Education Requirement FSLT

Description

Explores contemporary Francophone literatures and cultures through texts and films by Maghrebian writers and filmmakers (North Africa, Lebanon and France).

Prerequisites

FREN 301 and 305

FREN 388 Individual Internship

Units: .25-1

Description

Internship experience outside of the department in fields related to French studies. No more than 1.5 unit of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of the department.

FREN 389 Practice Assistantship

Units: .5

Description

Students lead practice sessions associated with the elementary and intermediate language sequence in French. The practice assistantship does not count as credit toward the major or minor. Up to one unit can be applied toward graduation credit.

Prerequisites

Permission of the department.

FREN 397 Selected Topics

Units: 1

Prerequisites

French 221 or permission of department.

FREN 402 Advanced French Conversation

Units: 1

Description

Development of advanced speaking skills beyond 301 level.

Prerequisites

French 301.

FREN 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

FREN 412 French and Francophone Culture in Conversation

Units: 1

Description

For advanced students of French. Further refines and enhances oral expression and explores topics in current events in the French and Francophone world and how those events relate to the past. Broaden vocabulary, hone grammatical precision, and expand the sophistication of spoken French. Critical analysis of French and Francophone cultural production through oral presentations and leading class discussion.

Prerequisites

FREN 320, 324, 325, 326, or 327.

FREN 414 Advanced French Grammar and Culture Studies

Units: 1

Description

An in-depth review and focused investigation of French grammar and syntax designed to further refine and enhance the written expression of more advanced students of French. Also explores French grammar "in action" through personal and creative writing, the study of contemporary cultural issues, and consideration of the French language as alive and evolving.

Prerequisites

FREN 320, 324, 325, 326, or 327.

FREN 415 Traduction

Units: 1

Description

Translation of literary, journalistic, and technical texts from French to English and English to French. Includes a community-based learning component (involving both linguistic and "cultural" translation), an introduction to interpreting techniques, and readings on different theories of translation.

Prerequisites

Two classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 420 The French Middle Ages

Units: 1

Description

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 classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 421 Renaissance

Units: 1

Description

Exploration of literature of a France transformed by Reformation and Renaissance: the poetry of love; devotion and play; the prose of wisdom.  
Prerequisites  
Two classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 422 Le Siècle Classique  
Units: 1  
Description  
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 classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 423 Enlightenment  
Units: 1  
Description  
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 classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 424 From Romanticism to Decadence  
Units: 1  
Description  
Issues of gender, subjectivity, and socio-historical contexts in works by poets, novelists and historians in the numerous and varied cultural movements of 19th-century France. Recent topics include visual culture in 19th-century France and literary and cultural scandals.  
Prerequisites  
Two classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 461 From Modern to Postmodern  
Units: 1  
Description  
Trends in 20th century and contemporary French poetry, drama, and fiction, set in the context of painting, film and experimental art forms. Recent topics include otherness, gender, creativity, the nature of truth, and the quest for self-expression.  
Prerequisites  
Two classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 462 Contemporary Ideas  
Units: 1  
Description  
Readings and discussion of recent works which have provoked political or intellectual debate in France and the French-speaking world.  
Prerequisites  
Two classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 465 French Film  
Units: 1  
Description  
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 classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 467 French Culture in the Making: Conception and Actualization of a French Film Festival  
Units: 1  
Description  
Experience in the creation and preparation of a major cultural event on French cinema leading to significant enhancement of knowledge of French contemporary cinema and culture, substantial improvement of French language skills, and exposure to cultural management. Activities will be carried out in French and include writing, editing, translation and interpretation, film programming, advertisement and marketing development, outreach promotion, media relations at the local, national, and international levels, and event management. (Same as FMST 367.)  
Prerequisites  
Two classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 471 Francophone Studies  
Units: 1  
Description  
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 classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 480 Food: French and Italian Rituals  
Units: 1  
Description  
Examines the impact of food on French and Italian culture and society. Through literary texts, philosophy, history, film, and the visual and performing arts, explores the complex relationship between food, culture, and identity.  
Prerequisites  
Two courses in the FREN 320 series.

FREN 486 Paris as Visual Cliché  
Units: 1  
Description  
Examines a variety of visual clichés related to the city of Paris and analyzes them using literature, cultural studies, cultural theory, and visual analysis.  
Prerequisites  
Two classes in the 320 series: French 320, 324, 325, 326, 327.

FREN 491 Honors Thesis I  
Units: .5  
Description  
Research on a topic of interest, design of an original thesis and draft of a first version of the honors thesis under the supervision of a thesis's advisor. Graded Pass/Fail.  
Prerequisites  
Acceptance into French Honors Program

FREN 492 French Honors Thesis II  
Units: 1  
Description



Completion of a 25-30 page honor thesis and presentation of research at the French Studies Symposium.

Prerequisites  
French 491

FREN 495 Independent Study

Units: .5-1

Description

Special projects individually pursued under supervision of faculty member.

Prerequisites

Permission of department.

FREN 497 Selected Topics

Units: 1

Description

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 classes in the 320 series: French 320, 324, 325, 326, 327.

## Geography

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*David Salisbury, Chair*

*Associate Professor Finley-Brook, Lookingbill, Salisbury*

*Assistant Professor Spera*

*Director of Spatial Analysis Laboratory Browne*

The Geography Major cultivates informed and engaged global citizens through an emphasis on integrative problem solving, spatial analysis, and communication skills. Our department bridges the natural sciences, social sciences, and the humanities to provide a better understanding of the earth's cultural and biological diversity.

Geography courses address a range of important issues like global climate change, industrialization, globalization, resource management, agricultural change, urbanization, land use, deforestation and hydrology. Geographers emphasize the study of space, place, pattern and scale within these interconnected topics.

Geographers encourage students to explore the Earth's human and natural processes through critical thinking, spatial theory and geospatial technology. Our classes stress active learning. Natural science courses feature laboratory components that clarify the complexities of the Earth. Participatory social science classes focus on how humans interact with their surroundings and each other. Theories of space, place, pattern and scale deconstruct processes at the macro, meso and micro levels, helping students understand global connections.

### The Geography Major

Note: No grade below a C- (1.70) will be allowed for credit within the major.

Nine units, including:

GEOG 210 Geographic Dimensions of Global Development

GEOG 250 Introduction to Earth Systems and Physical Geography

GEOG 260 Introduction to Geographic Information Systems

MATH 209 Introduction to Statistical Modeling (or equivalent research methods course, with approval of department)

GEOG 401 Geography Capstone

Four units in electives, which must include an approved experiential learning component (internship, field work, study abroad). Three of the electives must be at the 300 level or higher.

### The Geography Minor

Note: No grade below a C- (1.70) will be allowed for credit within the minor.

Six units, including:

GEOG 210 Geographic Dimensions of Global Development

GEOG 250 Introduction to Earth Systems and Physical Geography

GEOG 260 Introduction to Geographic Information Systems

Three units of electives in geography, to include no more than one unit of GEOG 390 nor more than a half unit of GEOG 388.

### Courses

GEOG 210 Geographic Dimensions of Global Development

Units: 1

Fulfills General Education Requirement (FSSA)

Description

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 Global Studies 210.)

GEOG 215 Geography of the James River Watershed

Units: 1

Description

Study of the local environments and protected areas within the James River watershed. Explores the natural and human connections that define the resource challenges and opportunities within this urban watershed. (Same as Environmental Studies 215)

GEOG 220 Ecotourism

Units: 1

Description

Ecotourism integrates environmental protection, education, empowerment, local livelihoods, and responsible travel. The

study of ecotourism allows students to document and analyze complex interactions between society and nature. (Same as Environmental Studies 220)

GEOG 250 Introduction to Earth Systems and Physical Geography

Units: 1

Fulfills General Education Requirement (FSNB)

Description

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 Environmental Studies 250.)

GEOG 260 Foundations of Geospatial Analysis

Units: 1

Description

Introduces the data and technology underlying quantitative spatial analysis. Covers foundational concepts of geospatial data (raster, vector, coordinate systems, map projections, scale, symbology and metadata) and introduces students to geospatial technology (GIS, GPS, remote sensing, web and mobile mapping). Uses spatial data from multiple national and international data platforms (e.g. USGS, Census Bureau, CDC, UN) to create maps and perform basic spatial analysis. Use the ESRI Suite of products as well as open-source programs to create and manipulate spatial data. Introduction to concepts of map reading and design.

GEOG 280 Selected Topics

Units: .25-1

Description

May be repeated when topics vary.

GEOG 315 Landscape Ecology

Units: 1

Description

Applied science that focuses on the development, consequences, and management of environmental patterns. These patterns include the spatial distributions of species and the environment resources upon which they depend. Attention is paid to the importance of scale in natural resource management. Landscape ecology also emphasizes the role of humans in the environment.

Prerequisites

GEOG/ENVR 250, ENVR 201, BIOL 207, or permission of instructor

GEOG 320 Power, Space, and Territory: Geographies of Political Change

Units: 1

Description

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.

Prerequisites

GEOG 210 or PLSC 240 or 250 or permission of instructor.

GEOG 325 Latin American Geographies: Transnational and Local Connections

Units: 1

Description

Latin America is a culturally and ecologically diverse region with historical and contemporary connections to locations around the world, including Richmond, Virginia.

Documenting the movement of people and flows of ideas, goods, and services, this course analyzes the political economy and ecology of transnational networks in areas such as immigration, security, transportation, communication, energy, and commerce while examining place-based consequences in local communities.

Prerequisites

GEOG/GS 210 or GS 290

GEOG 333 Geographies of Amazonia

Units: 1

Description

Explores the contradictions and connections of Amazonia. Considers the region's importance and relevance to the rest of the world through a study of the ecologies, histories, and geographies of Amazonia. Looks at the Amazon basin as much more than the world's greatest rainforest, richest reserve of biological and cultural diversity, and largest source of fresh water flow.

Prerequisites

IS/GEOG 210 or IS 290 or ENVR 201 or permission of instructor

GEOG 345 Global Sustainability: Society, Economy, Nature

Units: 1

Description

Applies geography's human-environment tradition to examine environmental, 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.

Prerequisites

ENVR 201, GEOG 210, GS 210, or GS290 or permission of instructor.

GEOG 360 Environmental Remote Sensing

Units: 1

Description

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 Environmental Studies 360.)

Prerequisites

ENVR/GEOG 260 or permission of instructor.

GEOG 365 Advanced Spatial Analysis

Units: 1

Description

Advanced topics in Geographic Information Systems (GIS) theory, application, and analysis. Topics include use of Model Builder, analysis of aerial imagery and LiDAR data, use of 3D

Analyst and ArcScene, and use of Network Analyst and topologies. Emphasis on practical and real-world applications of GIS for biological, environmental, and social science issues, culminating in student projects. This course may be repeated as specific course material frequently changes. (Same as Environmental Studies 365).

Prerequisites  
ENVR/GEOG 260.

GEOG 370 Geographies of Economic Development and Globalization

Units: 1

Description

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.

Prerequisites

GEOG 210 or ECON 101 and 102 or permission of instructor.

GEOG 380 Selected Topics

Units: .25-1

Description

May be repeated when topics vary. (Same as International Studies 350.)

GEOG 388 Individual Internship

Units: .25-1

Description

Supervised independent work. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of supervising instructor.

GEOG 390 Independent Study

Units: .5-1

Description

Topics independently pursued under supervision of a faculty member. May be repeated twice for a total of up to two units.

Prerequisites

Permission of instructor.

GEOG 401 Geography Capstone

Units: 1

Description

Capstone course is the culmination of the Geography major. The primary objective is to further develop students' ability to conduct geographic research through the practical application of geographic methods and theory. Students will synthesize their knowledge of geography with an individual thesis or group project.

Prerequisites

GEOG/GS 210, GEOG/ENVR 260, and two 300-level GEOG courses of permission of instructor

GEOG 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

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## German Studies Program

Department of Languages, Literatures, and Cultures

*Kathrin Bower, Section Coordinator*

*Professor Bower*

*Assistant Professor Weist*

*Affiliated Faculty: Thomas Bonfiglio (Comparative Literature & Linguistics), Erik Craft (Economics), Michelle Kahn (History), Martin Sulzer-Reichel (Arabic Studies)*

This section contains information specific to the degree programs in German studies. For full information regarding departmental policies relevant to all the LLC degree programs, study abroad, and course sequencing, see the main page of the Department of Languages, Literatures, and Cultures.

### The German 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).

Nine courses, including:

GERM 301 Conversation and Composition

GERM 321 Introduction to German Literature (18th-20th century)

Three additional 300-level courses in German

Two 400-level courses in German (one must be taken after return from study abroad)

Two additional courses selected from the list below (CLAC in German required) or two additional courses in German at the 300-level or above

HIST 199 Europe's Immigration Crisis

HIST 199 Nazi Germany

HIST 233 Reformation Europe

HIST 242 Modern Germany

HIST 248 Europe in Crisis, 1881-1945

HIST 249 Cold War Europe, 1945-1991

LING 203 Introductory Linguistics

LLC 256 Psychoanalysis, Literature, and Culture

LLC 265/FMST 265 German Cinema

LLC 360 Representing the Holocaust

PHIL 336 Nineteenth-Century European Philosophy

PHIL 344 Contemporary Continental Philosophy

PHIL 357 Nietzsche

PLSC 344 Europe Today

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

### The Residency Requirement

For all German Studies majors, at least five of the nine courses required for the major must be taken on the University of Richmond campus. Majors must take at least one 400-level class on campus after studying abroad, regardless of whether or not they have sufficient credits to fulfill the major or minor requirements.

### The German 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). Up to three classes may be transferred in toward the minor. Minors must take at least one 400-level class on campus after studying abroad, regardless of whether or not they have sufficient credits to fulfill the minor requirements.

Five courses, including:

GERM 301 Conversation and Composition

GERM 321 Introduction to German Literature (18th-20th century)

One additional 300-level course in German

One 400-level course in German

One course from the following list, with CLAC in German or one additional 300-level course in German

LING 203 Introductory Linguistics

LLC 256 Psychoanalysis, Literature, and Culture

LLC 265 German Cinema

LLC 360 Representing the Holocaust

### The Residency Requirement

For all German Studies majors, at least five of the nine courses required for the major must be taken on the

University of Richmond campus. Majors must take at least one 400-level class on campus after studying abroad, regardless of whether or not they have sufficient credits to fulfill the major or minor requirements.

### 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, Mannheim and Münster, Germany, as well as the summer program in Berlin.

### Cross-School Major in German Studies and International Business

(Earned in conjunction with a major in the Robins School of Business with an international business concentration.)

Nine courses and an interdisciplinary research project in addition to completing all requirements of the international business concentration for the business administration major, including:

Five units in German at the 300 or 400 level

One semester full-time study at the Universität Münster School of Business and Economics or at the Universität Mannheim Business School (four courses)

IDST 379 Interdisciplinary Research Project

The German major/international business option represents a collaborative project between the Department of Languages, Literatures, and Cultures in the School of Arts and Sciences and the International Business Program in the Robins School of Business. Designated faculty members from each program will advise students upon declaration and as they progress through the major. The curriculum includes a semester abroad at one of the University's partner institutions. There, students will continue their Robins School concentrations and German Studies courses 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 GERM 202 on the Richmond campus. Students must take at least two courses in German at the Universität Münster or at the Universität Mannheim.

Students are required to take one 400-level course in German upon their return.

### Courses

GERM 101 Elementary German

Units: 1

Description

Introduction to German language and culture.

GERM 102 Elementary German

Units: 1

Description

Introduction to German language and culture.

Prerequisites  
German 101.

GERM 201 Intermediate German  
Units: 1

Description  
Active practice and reinforcement of German language skills and study of culture.  
Prerequisites  
German 102 or advanced placement or permission of department.

GERM 202 Intermediate German  
Units: 1  
Fulfills General Education Requirement (COM2)

Description  
Active practice and reinforcement of German language skills and study of culture.  
Prerequisites  
German 201 or permission of department.

GERM 301 German Conversation and Composition  
Units: 1  
Description  
Expansion and refinement of oral and written expression through reading, discussion, and analysis of topics in German culture and history.  
Prerequisites  
German 202 or advanced placement or permission of department.

GERM 305 German Grammar and Composition  
Units: 1  
Description  
Concise review of principles of German grammar and development of competent writing skills.  
Prerequisites  
German 202 or permission of department.

GERM 311 German Culture and Civilization  
Units: 1  
Description  
An overview of the movements affecting cultural development in German-speaking countries from the Middle Ages to the present through the analysis of selected historical documents, literary and philosophical texts, films and the visual arts.  
Prerequisites  
German 202 or permission of instructor.

GERM 314 German through Theater  
Units: 1  
Fulfills General Education Requirement (FSVP)  
Description  
Analysis of plays through selected design projects and a final performance. Provides an introduction to the field of German theater as well as substantial practice in interpersonal and presentational speaking, with a focus on pronunciation.  
Prerequisites  
German 202 or permission of instructor.

GERM 321 Introduction to German Literature  
Units: 1  
Fulfills General Education Requirement (FSLT)

Description  
Introduction to analysis and interpretation of literary texts in their aesthetic, historical, socioeconomic, and cultural contexts. Development of written critical apparatus.  
Prerequisites  
German 202 or permission of department.

GERM 333 Heimathorror/Homeland Horror  
Units: 1  
Description  
Analysis of literary and filmic uses of horror and the supernatural to negotiate cultural events in German-speaking countries, primarily in the nineteenth century.  
Prerequisites  
German 202.

GERM 388 Individual Internship  
Units: .5-1  
Description  
Internship experiences outside of the department in fields related to German studies. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.  
Prerequisites  
Permission of department.

GERM 389 Practice Assistantship  
Units: .25  
Description  
Students lead practice sessions associated with the elementary and intermediate language sequence in German. The practice assistantship does not count as credit toward the major or minor. Up to one unit can be applied toward graduation credit.  
Prerequisites  
Permission of department.

GERM 397 Selected Topics  
Units: 1  
Description  
Special interest topics offered at department's discretion.  
Prerequisites  
German 301 or permission of department.

GERM 402 Advanced German Conversation  
Units: 1  
Description  
Development of advanced level fluency through discussion of contemporary topics in German culture and politics.  
Prerequisites  
German 301 or permission of the department.

GERM 404 Advanced Composition and Syntax  
Units: 1  
Description  
Advanced grammar, syntax and stylistics.  
Prerequisites  
German 301 or permission of the department.

GERM 406 Summer Undergraduate Research  
Units: 0  
Description  
Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts



project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

**Prerequisites**

Approval for summer Arts and Sciences fellowship by faculty mentor

**GERM 445 Visions of Berlin**

Units: 1

**Description**

Interdisciplinary seminar on the cultural and historical role of Berlin from the nineteenth century to the present examining architectural, cinematic, literary, and political developments.

**Prerequisites**

German 321.

**GERM 451 Deviant Bodies in German Culture**

Units: 1

**Description**

Analysis of literary, theatrical, and clinical representations of physical, sexual, and psychological deviance in German culture with a focus on the late nineteenth to the mid twentieth century.

**Prerequisites**

German 321.

**GERM 465 Rebels with a Cause: Political Satire**

Units: 1

**Description**

Analysis of political and socially critical poetry, prose, images, songs, and performance from the 19th century to the present.

**Prerequisites**

German 321 or permission of department.

**GERM 472 Culture Wars & Identity Debates in German Society from Empire to EU**

Units: 1

**Description**

Analysis of literary and cinematic texts on culture and social relations in Germany from the 19th-century to the present.

**Prerequisites**

German 321 or permission of department.

**GERM 495 Independent Study**

Units: .5-1

**Description**

Special projects individually pursued under supervision of faculty member.

**Prerequisites**

Permission of department.

**GERM 497 Selected Topics**

Units: 1

**Description**

Special interest topics offered at department's discretion.

**Prerequisites**

German 321 or permission of department.

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## Global Studies

*Sheila Carapico, Coordinator (Political Science)*

Global Studies is a rigorous but flexible interdisciplinary major with a cross-cultural emphasis. The major offers the opportunity to take courses across departments and schools at the University of Richmond and requires at least a semester of study abroad. Students majoring in Global Studies select one of four concentrations, each coordinated by advisors with special expertise in the areas.

All students majoring in Global Studies take the gateway course, GS 290: Introduction to Global Studies, usually in the freshman or sophomore year; and at least one of two other introductory courses, Geography 210, Geographic Dimensions of Global Development or Political Science 240, Introduction to Comparative Politics. At least two advanced courses in a second language are also required, beyond the concentration. During the final year, after study abroad, all GS majors complete a topical capstone Senior Seminar, GS 400, during which they will research and write an original scholarly paper. Successful completion of GS 290 is a prerequisite for GS 400.

Students work with faculty advisors to choose additional electives, including courses taken abroad, within each concentration. Course selections should comprise an interdisciplinary mix of courses from anthropology, art history, classics, communications, economics, environmental studies, geography, history, law, leadership, literature, music, political science, religion, sociology, theater, and women's studies. Within each concentration, eight units must be selected from three or more departments with no more than three units from a single department. While studying abroad students are encouraged to work with faculty advisors to identify courses not listed in the Richmond catalog that complement their academic program.

### The Global Studies Major

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

13 units, including:

A. Foundational Study in Language and Culture  
Students specializing in Global Studies should be competent in at least two languages. For students whose secondary education was in English this requirement can be met by completing two courses taught in a language other than English at the 300 or 400 level in the departments of Languages, Literatures, and Cultures or Latin American, Latino and Iberian Studies. Students whose secondary education was not in English may satisfy the requirement with two units of world literature at the 300 or 400 level in any language (beyond the concentration).

B. Approved Experience Abroad

All Global Studies students should experience significant cultural immersion via a study abroad program of at least one semester in length, related to the major concentration. Students requesting an exception to this requirement (usually

two semesters) may submit a written petition to the program coordinator for review by a committee of Global Studies faculty.

C. Global Studies Foundational Coursework and Capstone

One unit, chosen from:

- PLSC 240 Introduction to Comparative Politics
- GEOG 210/GS 210 Geographic Dimensions of Global Development

Two courses required of all majors:

- GS 290 Introduction to Global Studies
- GS 400 Senior Seminar

D. Global Studies Concentration

Eight units selected from three or more departments with no more than three units from a single department

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

**Global Studies: Cultures and Communication**

Advisors: Tim Barney (Rhetoric and Communication Studies), Yvonne Howell, (Languages, Literatures, and Cultures), Tze Loo (History), Yucel Yanikdag (History)  
The concentration consists of eight units in at least three different departments or disciplines, selected in consultation with an advisor, structured as follows:

Skills and Applied Courses

Analytic and applied understandings of intercultural communications. Two courses, chosen from:

- ANTH 211 Field Methods in Ethnography
- ARTH 322 Museum Studies
- CLSC 252 Introduction to Indo-European Linguistics
- ENGL 390 Literary Translation
- JOUR 200 News Media and Society
- LING 203 Introductory Linguistics
- MGMT 333 Cross-Cultural Management
- RHCS 350 Rhetoric in a Globalized World

Complex Problems

Explore challenges and stakes of efforts to communicate across borders, cultures, assumptions, and beliefs. Two courses, chosen from:

- ANTH 300 Sexuality and Gender Across Cultures
- ANTH 306 Tourism and Anthropology
- ANTH 379 ST: Tech, Surveillance and The Media

ECON 210 Economics of the European Union

ENVR 322 The Global Impact of Climate Change

HIST 236 Russian Empire, Soviet Union, and After

HIST 240 Human Rights and Revolution in the Atlantic World (1750-1850)

HIST 329 Brexit: A History

LLC 360 Representing the Holocaust

LLC 346 Insiders and Outsiders: Arabic Encounters with the West

PLSC 346 Politics of Cultural Pluralism

SOC 308 Sociology of War

WGSS 203 Human Rights and Revolution in the Atlantic World (1750-1850)

Area Studies & Contexts

Investigate cultural specificity. Two units chosen from regional courses:

Additional Concentration Electives

Two additional courses, chosen from those above.

**Global Studies: Development and Change**

Advisors: Sheila Carapico (Political Science), Mary Finley-Brook (Geography and Environmental Studies), David Salisbury (Geography), Jonathan Wight (Economics)

Note: Within the concentration, the eight units must be selected from three or more departments with no more than three units from a single department.

Eight units, including:

ECON 211 Economic Development in Asia, Africa, and Latin America

Developmental Courses

At least three core unit courses, one from each of the following groups:

Group 1: Geographies

GEOG 320 Power, Space and Territory: Geographies of Political Change

GEOG 345 Global Sustainability: Society, Economy, Nature

GEOG 370 Geographies of Economic Development and Globalization

Group 2: Politics and Policies	SOC 335 Feast and Famine: Inequalities in the Global Food System
ECON 260 Economic Policy	
ENVR 366 International Environmental Law	All students concentrating in Development are encouraged, but not required, to conduct independent research, in consultation with their GS faculty advisor. Summer research may be eligible for University funding.
PLSC 347 Politics of Developing Nations	
PLSC 356 International Political Economy	<b>Global Studies: International Economics</b>
PLSC 360 International Development Policy	Advisors: Sheila Carapico (Political Science), Jonathan B. Wight (Economics)
PLSC 351 Globalization	Core Teaching Faculty: Maia Kersti Linask (Economics), Jonathan B. Wight (Economics)
Group 3: Human Experience	Students are strongly encouraged to develop proficiency in economics with either a minor or double major (see Economics department listings for requirements).
ANTH 302 Medicine and Health from a Global/Anthropological Perspective	Note: Within the concentration, the eight units selected from three or more departments.
ANTH 303 Biopolitics in Medical Anthropology	Eight units, including:
ANTH 328 Anthropology of Human Rights	Three units, chosen from:
HIST 390 Food and Power in Africa and Asia	ECON 210 The Economics of the European Union
PLSC 363 Global Health, Infectious Disease, and Human Rights	ECON 211 Economic Development in Asia, Africa, and Latin America
Area Studies Courses	ECON 215 International Monetary Economics
Three elective units covering at least two different 'developing' regions, selected from the regional courses or comparable courses of study abroad.	ECON 310 International Trade: Causes, Consequences, and Controversies
Development Related Courses	ECON 315 Advanced International Macroeconomics
Possible additional electives from courses listed above, selected topics, courses studied abroad, internships, independent study, or the following courses:	Global Power, Politics, and Culture
ANTH 300 Sexuality and Gender Across Culture	Two units from two different departments, chosen from:
ANTH 303 Biopolitics in Medical Anthropology	ANTH 101 Introduction to Cultural Anthropology
ANTH 328 Anthropology of Human Rights	GEOG 345 Global Sustainability: Society, Economy, Nature
ECON 105 Introduction to Global Economics	HIST 236 Russian Empire, Soviet Union and After
ECON 230/ENVR 230 Environmental Economics	IBUS 381 International Business Environment
ECON 310 International Trade: Causes, Consequences, and Controversies	MGMT 333 Cross-cultural Management
ECON 360 International Macroeconomics	MKT 325 International Marketing
GEOG 220/ENVR 220 Ecotourism	PHIL 337 Social and Political Philosophy
HIST 391 Transnational Social Reform	PLSC 356 International Political Economy
PLSC 352 International Law and Organizations	SOC 335 Feast and Famine: Inequalities in the Global Food System
PLSC 359 Global Governance	
SOC 306 Social Change in a Global Perspective	

History, Culture, Societies, Politics, and Religions of Regions or Nations in the World System

Two units, chosen from:

ANTH 303 Biopolitics in Medical Anthropology

ANTH 307 Indigenous Peoples of the Americas

ANTH 308 Latin America: An Ethnographic Perspective

ANTH 336 Politics, Power and Ritual

ANTH 360 Power and Society in the Middle East

ECON 210 The Economics of the European Union

ECON 211 Economic Development in Asia, Africa, and Latin America

ECON 215 International Monetary Economics

ECON 310 International Trade: Causes, Consequences, and Controversies

ECON 315 Advanced International Macroeconomics

FIN 462 International Financial Management

GEOG 210 Geographic Dimensions of Global Development

GEOG 320 Power, Space, and Territory: Geographies of Political Change

GEOG 333 Geographies of the Amazonia

GEOG 370 Geographies of Economic Development and Globalization

HIST 239 The French Revolution

HIST 242 Modern Germany

HIST 244 Propaganda State

HIST 246 Russia in Revolution, 1905-1934

HIST 250 Modern East Asia 1600-1960

HIST 251 Chinese Revolutions

HIST 252 Modern China: 1900-1940

HIST 255 Meiji Japan: An Emperor and the World Named for Him

HIST 261 Modern Latin America

HIST 262 The Making of Modern Brazil

HIST 271 The Modern Middle East

HIST 272 The Ottoman Empire

HIST 282 Africa in the Twentieth Century

HIST 283 South Africa since 1500

HIST 290 Britain and the World

HIST 326 Communism

HIST 341 History and Memory: WWII in East Asia

HIST 380 Women and Gender in African History

HIST 390 Food and Power in Africa and Asia

IBUS 381 International Business Environment

IBUS 390 International Business Issues and Topics

IBUS 411 International Business Strategy

PHIL 344 Contemporary Continental Philosophy

PLSC 240 Introduction to Comparative Politics

PLSC 312 Modern Political Theory

PLSC 341 Humanitarian Intervention

PLSC 342 Transitions from Communism in Europe and Eurasia

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 351 Globalization

PLSC 352 International Law and Organizations

PLSC 355 International Relations of the Middle East

PLSC 357 International Relations of East Asia

PLSC 359 Global Governance

PLSC 360 International Development Policy

PLSC 363 Global Health, Infectious Disease and Human Rights

RELG 250 Introduction to World Religions

SOC 231 Across the Pond: Europe vs. USA

SOC 232 Postsocialism in Russian and Eastern Europe

One additional unit chosen from courses above.

**Global Studies: Politics and Governance**

Advisors: David Brandenberger (History), Sheila Carapico (Political Science), Stephen Long (Political Science), Jennifer Pribble (Political Science), Carol Summers (History)

The concentration is comprised of eight units selected from at least three departments and in the following categories

Diplomacy and World Order

Two units, chosen from:

ANTH 328 Anthropology of Human Rights

ENVR 366 International Environmental Law

GEOG 320 Power, Space, and Territory: Geographies of Political Change

HIST 215 United States and the World Since 1945

HIST 249 Cold War Europe, 1945-1991

HIST 290 British Empire and the World

HIST 341 History and Memory: WWII in East Asia

PLSC 250 Intro to International Relations

PLSC 350 American Foreign Policy

PLSC 352 International Law and Organizations

PLSC 353 International Security

PLSC 359 Global Governance

RHCS 359 Media and War

Economic Integration or Interdependence

Two units, chosen from:

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 230/ENVR 230 Environmental Economics

ECON 310 International Trade and Finance

HIST 390 Food and Power in Africa and Asia

GEOG 345 Global Sustainability: Society, Economy and Nature

GEOG 370 Geographies of Economic Development and Globalization

PLSC 351 Globalization

SOC 233 Understanding Globalization

SOC 306 Social Change in a Global Perspective

SOC 335 Feast and Famine: Inequalities in the Global Food System

World Regions

Two units focused on the same world region selected from regional courses or study abroad.

Additional Concentration Electives

Two units chosen from the areas above.

Regional Studies Courses

Africa

ENGL 218 African Literature

ENGL 331 Literatures of Africa

FREN 328 Introduction to Magrheb Literature and Culture

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

PLSC 348 Politics of Africa

Asia

ARTH 226 Art and Culture of Japan

ARTH 378 Topics in Asian Art

ARTH 383 East Asian Painting, Poetry and Calligraphy

ENGL 214 Literature of India

HIST 252 Modern China 1900-1940

HIST 341 History and Memory: WWII in Asia

LLC 225 Chinese Culture and Civilization

LLC 227 Action Genre in East Asian Cinema

LLC 325 Revolution and Modernity in Chinese Literature

LLC 355 Chinese Cinema

MUS 124 Asian Music and Globalization

MUS 125 Indonesian Theatre and Music

PLSC 343 Politics of Asia

RELG 268 Chinese Healing Arts

RELG 352 Buddhism in India and Tibet

RELG 355 Selected Asian Religions

RELG 366 Buddhist Philosophy

Latin America

ANTH 307 Indigenous Peoples of the Americas

ANTH 308 Latin America: An Ethnographic Perspective

ENGL 238 Readings in Caribbean Literature\*



ENGL 332 Literatures of the Caribbean\*  
 GEOG 333 Geographies of Amazonia  
 HIST 261 Modern Latin America  
 HIST 262 The Making of Modern Brazil  
 HIST 265 Gender & Sexuality in Latin American History  
 LAIS 312 Introduction to Latin American Studies  
 LAIS 314 Luso-Brazilian Studies: A Global Perspective  
 PLSC 349 Politics of Latin America and the Caribbean

The Middle East

ANTH 350 Sex and Gender in the Middle East  
 FREN 328 Introduction to Magrhebian Literature and Culture  
 HIST 271 The Modern Middle East  
 HIST 370 Contending Visions of the Middle East  
 LLC 243 Politics and Social Movements in Modern Middle Eastern Literatures  
 LLC 346 Insiders and Outsiders: Arabic Encounters with the West  
 LLC 347 Islam, Nationalism, and the West: Modern Thought in the Arab World  
 PLSC 355 International Relations of the Middle East  
 RELG 230 The History of Israel  
 RELG 281 Introduction to Islam  
 RELG 287 Ninety-nine Names of God  
 RELG 288 Saints and Sinners in Muslim Literature  
 RELG 385 Sufism: Introduction to Islamic Mysticism

Eastern Europe and Eurasia

HIST 236 Russian Empire, Soviet Union, and After  
 HIST 244 Propaganda State  
 HIST 246 Russia in Revolution, 1905-1934  
 HIST 249 Cold War Europe, 1945-1991  
 HIST 326 Communism  
 LLC 260 Literature and Social Change in Eastern Europe  
 LLC 321 Introduction to 19th-Century Russian Literature  
 LLC 322 Introduction to 20th-Century and Contemporary Russian  
 LLC 335 Bolsheviks, Bombs and Ballet: Soviet Culture and Civilization  
 PLSC 342 Transitions from Communism in Europe and Eurasia  
 SOC 232 Postsocialism in Russia and Eastern Europe

Western Europe

ECON 210 The Economics of the European Union  
 ENGL 346 Twentieth-Century British and Irish Literature  
 ENGL 349 Late Imperial Fiction  
 FREN 465 French Film  
 GERM 311 German Culture and Civilization  
 GERM 472 Culture Wars & Identity Debates in German Society from Empire to EU  
 HIST 242 Modern Germany  
 HIST 248 European Diplomacy from Bismarck to Hitler  
 HIST 249 Cold War Europe, 1945-1991  
 HIST 329 Brexit: A History  
 ITAL 311 Italian Culture and Society  
 ITAL 411 Italian Identities: Sicily, Veneto, and Tuscany  
 LAIS 305 Spanish in Politics and Society  
 LAIS 311 Perspectives on People and Cultures of Spain  
 LAIS 462 Visions of Contemporary Spain

LAIS 465 Spanish Cinema  
 Literature  
 PHIL 344 Twentieth-Century Continental Philosophy  
 PLSC 344 Europe Today

Courses

GS 210 Geographic Dimensions of Global Development  
 Units: 1  
 Description  
 (See Geography 210.)

GS 250 Selected Topics  
 Units: 1  
 Description  
 Topics and issues in international studies. May be repeated for credit when topics vary.

GS 290 Introduction to Global Studies  
 Units: 1  
 Description  
 Introduces methods and questions of the international studies field through regionally diverse case studies and analyses. Topics may include identity, culture, geopolitics, war, environment, health, media, migration, and inequality.

GS 350 Selected Topics  
 Units: 1  
 Description  
 Selected topics in related subjects as arranged by the program coordinator. May be repeated for credit when topics vary.  
 Prerequisites  
 Permission of department.

GS 388 Internship  
 Units: .5-1  
 Description  
 May be taken for a grade or pass/fail. Up to one unit may be applied towards the major, only when a grade is awarded. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.  
 Prerequisites  
 Global Studies 290 and permission of department.

GS 390 Independent Study  
 Units: .25-1  
 Description  
 Topics independently pursued under supervision of faculty member.  
 Prerequisites  
 Permission of department.

GS 400 Senior Seminar  
 Units: 1  
 Description  
 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.  
 Prerequisites

Global Studies 290.

GS 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

## Greek

### Department of Classical Studies

*Julie Laskaris, Chair*

*Professors Rankine, Simpson*

*Associate Professors Baughan, Laskaris, Stevenson*

*Assistant Professor Gunkel*

### The Greek Major

10 units, including

Two units, selected from

CLSC 301 Greek Art and Archaeology

CLSC 306 The Classical Tradition (or approved CLSC substitute)

HIST 221 Classical Greece or HIST 222 Hellenistic Greece and Republican Rome or HIST 223 The Roman Empire

GREK 498 Major Seminar

Seven units of Greek electives

Note: A minimum of two years of Latin is recommended for students intending to pursue graduate study.

### The Greek Minor

Note: A grade of not less than C- (1.7) is required in all coursework comprising the minor.

Six units of Greek with at least two units at the 300 or 400 level.

### Related Majors

Combined major in Greek and English

### Courses

GREK 101 Elementary Greek

Units: 1

Description

Introduction to ancient Greek language and culture.

GREK 102 Elementary Greek

Units: 1

Description

Introduction to ancient Greek language and culture.

Prerequisites

Greek 101.

GREK 201 Intermediate Greek

Units: 1

Description

Continued study of ancient Greek language and culture plus selected readings.

Prerequisites

Greek 102.

GREK 202 Intermediate Greek

Units: 1

Fulfills General Education Requirement (COM2)

Description

Continued study of ancient Greek language and culture plus selected readings.

Prerequisites

Greek 201.

GREK 301 Greek Epic

Units: 1

Description

Readings from the "Iliad" and "Odyssey."

Prerequisites

Greek 202 or permission of department.

GREK 302 Greek Drama

Units: 1

Description

Readings from Aeschylus, Sophocles, and Euripides.

Prerequisites

Greek 202 or permission of department.

GREK 303 Greek Historiography

Units: 1

Description

Readings from Herodotus and Thucydides.

Prerequisites

Greek 202 or permission of department.

GREK 304 Greek Philosophical Prose

Units: 1

Description

Readings from Plato and Aristotle.

Prerequisites

Greek 202 or permission of department.

GREK 398 Selected Topics

Units: 1

Description

Topics or themes in Greek literature. May be repeated for credit when topic varies.

Prerequisites

Greek 202 or permission of department.

GREK 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

GREK 498 Major Seminar

Units: 1

Description

Required of all majors. Methodologies appropriate to Greek studies and the writing of a research paper.

Prerequisites

Permission of department.

GREK 499 Independent Study

Units: .5-1

Description

Content suited to the requirements and interests of student, chosen by student and faculty director in advance of the semester in which the independent study is to be done.

Prerequisites

Permission of department.

## Healthcare Studies

*B. Rick Mayes, Co-Coordinator (Political Science)*

*John Vaughan, Co-Coordinator (Biology)*

The Healthcare Studies (HCST) major allows students to explore the complex interplay of interpersonal, cultural, bioethical, legal, business, and political facets of healthcare delivery.

### The Healthcare Studies Major

The Healthcare Studies (HCST) major allows students to explore the complex interplay of interpersonal, cultural, bioethical, legal, business, and political facets of healthcare delivery.

10 units including

10 units, including:

HCS 100 Introduction to Healthcare Studies

MATH 209 Introduction to Statistical Modeling or BIOL 320 Experimental Design and Biostatistics or BUAD 202 Business Statistics

LDST 377 Ethical Decision Making - Health Care or PHIL 265 Bioethics

HCS 390-HCS 391 Senior Capstone

One course in Law, Philosophy and Humanities chosen from:

CLSC 210 A History of Early Medicine

HCS 200 The Medical Humanities

HCS 201 Health and the Caring Professions

HCS 240 Law and Medicine

HIST 199 Health in American History

HIST 361 Madness and Society in the Modern Era

HIST 390 Food and Power in Africa and Asia

PHIL 260 Philosophical Problems in Law and Society

Two courses in Research Methods, Analysis and Communications chosen from:

ACCT 201 Fundamentals of Financial Accounting

ANTH 211 Field Methods in Ethnography

GEOG 260 Introduction to Geographic Information Systems

LDST 250 Critical Thinking and Methods of Inquiry

MGMT 355 Health Sector Analysis

PLSC 270 Social Science Inquiry

PSYC 200 Methods and Analyses

RHCS 102 Interpersonal Communication

SOC 211 Sociological Research Methods and Data Analysis

Two units in Applied Health Studies chosen from:

ANTH 302 Medicine and Health from a Global/Anthropological Perspective

ANTH 303 Biopolitics in Medical Anthropology

BIOL 108 Environmental Biology

BIOL 199 Molecular Mechanism of Medicine or BIOL 199 Genes, Neurons, and Behavior or BIOL 199 Microbial Stress or BIOL 199 Emerging Infectious Diseases or BIOL 120 Emerging Infectious Diseases

BIOL 220 Human Physiology

BIOL 229 Microbiology -or- BIOL 313 Microbial Pathogenesis

BIOL 336 Eco-Epidemiology

BIOL 346 Medical Entomology

BIOL 354 Biological Basis of Neurodegenerative Diseases

PLSC 363 Global Health, Infectious Disease, and Human Rights

PLSC 364 Child Health and Policy

PLSC 365 U.S. Healthcare Policy and Politics

PSYC 311 Child Development

PSYC 315 Adult Development

PSYC 323 Health Psychology

PSYC 331 Behavioral Neuroscience

PSYC 341 Cognitive Neuroscience

PSYC 444 Foundations of Neuropsychology

SOC 340 Sociology of Health and Illness

One additional unit or independent study chosen from any of the three blocks above.

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

The healthcare studies major is offered as a Bachelor of Arts degree only.

### The Healthcare Studies Minor

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

Five units, including:

HCS 100 Introduction to Healthcare Studies

HCS 201 Health and the Caring Professions

LDST 377 Ethical Decision Making - Health Care or PHIL 265 Bioethics

Two units, chosen from:

ANTH 302 Medicine and Health from a Global/Anthropological Perspective

ANTH 303 Biopolitics in Medical Anthropology

CLSC 210 A History of Early Medicine

HIST 199 Health In American History

HIST 361 Madness and Society in the Modern Era

HCS 200 The Medical Humanities

HCS 240 Law and Medicine

MGMT 355 Health Sector Analysis

PLSC 363 Global Health, Infectious Disease, and Human Rights

PLSC 364 Child Health and Policy

PLSC 365 U.S. Healthcare Policy and Politics

PSYC 299 Developmental Disabilities in Children

PSYC 323 Health Psychology

PSYC 331 Behavioral Neuroscience

PSYC 341 Cognitive Neuroscience

PSYC 444 Clinical Case Studies (Foundations of Neuropsychology)

RHCS 102 Interpersonal Communication

SOC 340 Sociology of Health and Illness

or another approved elective

Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted.

No more than two courses transfer courses may be applied to the minor requirements.

### Courses

HCS 100 Introduction to Health Care Studies

Units: 1

Description

Survey of: (1) how health care is financed, organized, and delivered both in the U.S. and in other countries; (2) major health policy areas and issues; and (3) what constitutes the study of public health, health administration, health services and bioethics. Surveys the key stakeholders: those who pay for, provide and receive care. Contrasts the different ways that health care providers are paid, how and why reimbursement methods have changed over time, and their consequences for the quality, cost and accessibility of health care services. Finally, as a case study, the Affordable Care Act will be dissected for the purposes of illustrating the ways in which the U.S. health care system differs from those of other wealthy countries. No particular disciplinary background is assumed, nor is any special familiarity with the field of health care required.

HCS 200 The Medical Humanities

Units: 1

Description

Designed for students who are planning to enter the health care field. Provides an introduction to non-clinical aspects of medical practice that confront health care practitioners. Topics include medical ethics, cross-cultural medicine, the doctor-patient relationship, and death and dying.

HCS 201 Health and the Caring Professions

Units: 1

Description

Ethical and interpersonal aspects of healthcare within a larger sociopolitical context. Analytical and reflective skills in a

scholarly approach to healthcare issues. Preparation for a broad range of careers and educational opportunities in healthcare.

HCS 240 Law and Medicine

Units: 1

Description

Examines the intersection of law and medicine, primarily in medical malpractice litigation and also by looking at other areas of medical jurisprudence including state and federal health care regulation.

HCS 388 Individual Internship

Units: .25-1

Description

Supervised community-based learning in the healthcare field. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Healthcare Studies major.

HCS 390 Senior Capstone I

Units: .5-.5

Description

Year-long engagement in an approved independent research project. Requires completion and presentation of a thesis.

Prerequisites

Senior Standing, major in Healthcare Studies.

HCS 391 Senior Capstone II

Units: .5-.5

Description

Year-long engagement in an approved independent research project. Requires completion and presentation of a thesis.

Prerequisites

Senior Standing, major in Healthcare Studies. HCS 390 as a pre-req for 391.

HCS 395 Independent Study

Units: .5-1

Description

In-depth study of a health care topic under the supervision of a faculty member.

HCS 397 Special Topics

Units: 1

Description

Covers subject matter not encountered in other healthcare studies courses.

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## History

*Joanna Drell, Chair*

*Professors Ayers, Brandenberger, Drell, Kenzer, Summers*

*Associate Professors Loo, Meyer, Sackley, Watts, Yanikdag, Yellin*

*Assistant Professors Bischof, Kahn, Seeley*

*Affiliated Faculty: Howard (Center for Civic Engagement), Stevenson (Classics)*

### The History Major

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

10 units, including

HIST 199 Elements of Historical Thinking

One course in United States history

One course in European history

One course in the histories of Asia, Latin America, the Middle East or Africa

HIST 400 Research Seminar for Majors

Two units at the 300-level

Three additional history electives

Notes

- At least seven units must be above the 100 level. Students may count no more than two HIST 199 courses toward a history major.
- History courses at the 100, 200 and 300 level may be applied to the U.S., Europe, and Asian, Latin American, Middle Eastern or African history requirement.
- Students may apply to the major up to two courses from study abroad for a semester's study, three for a year's study.

### The History Minor

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

Five units, with no more than two at the 100 level. At least three of the minors five courses must be taken in residence in the history department of the University of Richmond. No more than two courses for the minor can be drawn from study abroad.

### Honors Program

Majors who meet the School of Arts and Sciences requirements for departmental honors may apply to pursue the honors program in history. To earn honors in history a student must complete three and a half units in honors courses:

HIST 398 Historiography

HIST 411 Honors Thesis Prospectus

HIST 412-HIST 413 Honors Thesis

Honors students meet the capstone History requirement by successfully completing History 413, but must satisfy all other requirements for the major. HIST 398 may replace one 300-level course.

### Internships



The Department of History has a program of prearranged individual internships. Interested students should inquire in the department or check the department website for details.

### Courses

HIST 199 Elements of Historical Thinking

Units: 1

Fulfills General Education Requirement (FSHT)

Description

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. No more than two History 199 courses may apply to the major or minor. Each course must be on a different topic.

HIST 200 Colonial America

Units: 1

Description

Survey of colonial history from earliest British settlements to the end of French and Indian War in 1763.

HIST 201 The American Revolution

Units: 1

Description

Study of the War of Independence and formation of the Republic, 1763-1788.

HIST 202 The Early American Republic

Units: 1

Description

An exploration of the history of the Early American Republic from the beginnings of the American Revolution through the War of 1812 and its aftermath. Examines the beginnings of the United States, with particular attention to the formation of governments, the expansion of wage labor and the domestic slave trade, the implications of settler colonialism for native people, and the nature of politics in the early national period. What were the consequences of the imperial crisis and the American Revolution for the continent's diverse inhabitants? What was the nature of the federal government that Americans created, and how did their definition of "the people" change over time? Particular attention will be paid to the commodification of both natural resources and human beings.

HIST 204 The Civil War and Reconstruction

Units: 1

Description

Examination of slavery, sectional controversy, secession, the war, and the political, economic, and social problems of Reconstruction.

HIST 211 The U.S. South in the Twentieth Century

Units: 1

Description

Examination of the social, cultural, political and economic history of the South in the twentieth century. Major themes will include the rise and fall of legalized segregation, the development of a viable Republican Party in the region, the role played by reformers and activists, and the power of historical memory. Major events in the region will be

regarded from multiple perspectives: black and white, male and female, landed and landless, Republican and Democrat, moderate and activist.

HIST 214 United States and the World, 1877-1945

Units: 1

Description

Survey of the history of the United States from the end of the 19th through first half of the 20th century in transnational perspective, examining 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, 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.

HIST 215 United States and the World Since 1945

Units: 1

Description

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.

HIST 216 American Cultural and Intellectual History Since 1865

Units: 1

Description

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.

HIST 218 State and Society in Modern America

Units: 1

Description

Survey of United States political and social development in the twentieth century. Topics include immigration and ethnicity, the American labor movement, the New Deal, World War II, urban crises and suburbanization, the postwar civil rights movements, the politics of gender and sexuality, the career of the modern American welfare state, and how all of these movements intertwined and connected to form the political and social the ideas of twentieth-century America.

HIST 219 Work in Twentieth-Century America

Units: 1

Description

Exploration of the connections between work and political, economic, and cultural life in America in the last century, addressing such questions as: How did the meaning of work change for Americans in the twentieth century? How did work generate protests, legislation, electoral triumphs, and political falls from grace?

HIST 220 Reagan's America

Units: 1

Description

Survey of United States political and social movements in the late twentieth century. Does not focus exclusively on Ronald Reagan himself but rather the time period, the development of new conservatism in America, and the political climate that led to the Reagan Administration. Topics include The Great Society, race and racism, the rightward shift in American politics, second wave feminism and abortion politics, the rise of the "moral majority," AIDS, and welfare reform.

HIST 221 Classical Greece

Units: 1

Description

Survey of Greek history from end of the Bronze Age through career of Philip II of Macedon.

HIST 222 Hellenistic Greece and Republican Rome

Units: 1

Description

Investigation of rise of the Roman hegemony in context of the Hellenistic Mediterranean. Special attention given to role of Hellenistic kings.

HIST 223 The Roman Empire

Units: 1

Description

Study of how the Romans and their Byzantine followers maintained an empire in the hostile atmosphere of the first five centuries of our era.

HIST 225 Medieval Italy

Units: 1

Description

Study of 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.

HIST 227 The High Middle Ages

Units: 1

Description

Overview of some of the principal social, political, and cultural developments in Europe c. 1000-1300 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.

HIST 230 The Renaissance

Units: 1

Description

Overview of the culture, politics, economics, modern science, and overseas expansion of the Renaissance, especially in Italy.

HIST 233 Reformation Europe

Units: 1

Description

Survey of the Protestant and Catholic reformations with emphasis on the social, political, and cultural implications of church reform.

HIST 236 Russian Empire, Soviet Union, and After

Units: 1

Description

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.

HIST 238 France: The Age of Absolutism, 1610-1780

Units: 1

Description

Examination of the growth of the French state under the Bourbon monarchy and the centralizing policies of ministers Richelieu, Colbert and Fleury that saw the expansion of venal office holders and robe nobles as well as the critical counter voices of Enlightenment thinkers and the protests of unruly commoners. How did Louis XIV help to make France a world power? What contributed to its vibrant culture emulated throughout Europe? How did the claims of absolute rule give way to liberal ideas of equality and liberty?

HIST 239 The French Revolution

Units: 1

Description

Examination of the social, political, economic and cultural aspects of the Revolution of 1789 in France with particular attention to ideas of liberty and equality and their implementation in the early and later, more radical, phases of revolution, ending with the rule of Napoleon as child of the Revolution and Emperor of France.

HIST 240 Human Rights and Revolution in the Atlantic World (1750-1850)

Units: 1

Description

An exploration of the Western concept of human rights and how it emerged in an era of revolution from 1750 to 1850. Born of philosophical inquiry, political debates, public protests, and mass uprisings, the claims of political and civil rights for marginalized peoples took center stage for newly declared nations in America, France, and Haiti. On what basis were rights claimed? Under what means could equality and liberty be guaranteed to all people? Focuses on the rights of women, Jews, free blacks and enslaved peoples, drawing on case studies to emphasize how radicals disrupted and disputed prejudice and sought (sometimes violent) change. Cross-listed with WGSS 203.

HIST 242 Modern Germany

Units: 1

Description

Study of Prussia and Germany from 1848 to present. Emphasis on unification, political movements, Nazism, and origins and effects of World Wars I and II.

HIST 243 Modern Britain

Units: 1

Description

Examination of Constitutional, political, economic, and social developments in the United Kingdom during the Victorian era and 20th century.

HIST 244 Propaganda State

Units: 1

Description

An examination of the deployment of propaganda in peacetime and war across the span of the twentieth century through the investigation of a series of case studies and broader theoretical readings. Ultimately, the course attempts to offer a definition of propaganda, an examination of the concept in dialogue with other terms such as ideology, persuasion and public relations, and a broader context-based understanding of the phenomenon over the course of the twentieth- and early twenty-first century.

HIST 246 Russia in Revolution, 1905-1934

Units: 1

Description

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.

HIST 247 Nineteenth-Century Europe

Units: 1

Description

An exploration of the rising tides of industrial capitalism and humanitarianism, imperialism and anti-imperialism, nationalism and democracy in Europe between the French Revolution and the outbreak of the First World War. Particular attention will be paid to how radical forms of democracy gave way to authoritarian backlashes while uprisings in the empire reminded imperial powers of just how fragile their rule was.

HIST 248 Europe in Crisis, 1881-1949

Units: 1

Fulfills General Education Requirement (FSHT)

Description

A survey of the history of the first half of what is often called the "long 20th century" (1881-2001) from a variety of subdisciplinary perspectives: political history, social history, cultural history and diplomatic history. Case studies are also examined on the history of gender, race and empire.

HIST 249 Cold War Europe, 1945-1991

Units: 1

Fulfills General Education Requirement (FSHT)

Description

A survey of the history of the second half of what is sometimes referred to as the "long 20th century" (1881-2001) from a variety of subdisciplinary perspectives: political history, social history, cultural history and diplomatic history. Case studies are also examined in the history of gender, race and decolonization. The Cold War itself is addressed from a European, rather than U.S or Soviet, point of view.

HIST 250 Modern East Asia: 1600-1960

Units: 1

Description

Exploration of the journeys that China, Korea, and Japan took that have resulted in the shape of East Asia as we know it today, examining their long history of interconnection and philosophical, cultural, and political traditions and the different ways they respond to similar issues at the same time.

HIST 251 Chinese Revolutions

Units: 1

Description

Study of the several Chinese revolutions that together spanned the better part of the twentieth century and changed China in fundamental ways, with particular focus on the life and work of the main instigator of those revolutions, Mao Zedong.

HIST 252 Modern China: 1900-1940

Units: 1

Description

Investigation of the period 1900-1940, during which many aspects of the modern Chinese state and society were established. Includes the emergence of Chinese national identity, Chinese vernacular, and the political ideologies that continue to define China today. Also studies the emergence of a sophisticated urban culture in cities like Shanghai, and radical transformations in the social fabric of Chinese society.

HIST 255 Meiji Japan: An Emperor and The World Named for Him

Units: 1

Description

Examination of the reign of the Meiji emperor (1868-1912), considered to be the period in which modern Japan emerges, as a loose unifying metaphor for the many radical shifts in Japanese society, politics, and culture that occurred in his time.

HIST 260 Colonial Latin America

Units: 1

Description

Exploration of the multiple meanings and impacts of the complex, cataclysmic and often times bloody encounter between conquering Iberians (people from Spain and Portugal), Africans and the indigenous people of the Americas and the development of Latin America colonial societies until their national independence in the early nineteenth century.

HIST 261 Modern Latin America

Units: 1

Description

Introductory survey of Latin American history from independence; focus on the quest for political stability, economic development, and social change.

HIST 262 The Making of Modern Brazil

Units: 1

Description

Study of how modern Brazil came to be with special attention to comparative issues in the study of slavery, race, gender, and ethnicity.

HIST 265 Gender and Sexuality in Latin American History

Units: 1

Description

Exploration of the socio-political, cultural and economic processes through which gender, sexuality, class, and ethnic/cultural dynamics are interconnected and constructed in Latin America from the colonial era to the contemporary period. Focus will be on the complicated relationships between historically specific ideologies and socio-economic systems of production and domination, and the respective privileged or unprivileged positions of women and men under

the colonialist, capitalist, socialist, and neoliberal states of Latin America.

HIST 270 Early Islamic World

Units: 1

Fulfills General Education Requirement FSHT

Description

Introduction to the major institutions that evolved under the aegis of Islamic Civilization from the advent of Islam in the early seventh century C.E. through the Mongol invasion in 1258. Since "Islam" in this context encompasses an entire cultural complex, the course will examine religious, political, economic, and social institutions.

HIST 271 The Modern Middle East

Units: 1

Description

Survey of Middle East from last years of Ottoman Empire to the present. Emphasis on culture, Zionism, Arab nationalism, diplomacy, and the Arab-Israeli conflict.

HIST 272 The Ottoman Empire

Units: 1

Description

Survey of the history of Ottoman Turkish power from its origins as an obscure band of frontier warriors (ghazis), to its emergence as a world-empire and its eventual collapse in the aftermath of World War I.

HIST 281 Africa, c. 1500 to c. 1900

Units: 1

Description

Introduction to economic, social, political, and intellectual history of Africa from time of trans-Atlantic slave trade to colonial conquest.

HIST 282 Africa in the Twentieth Century

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Introduction to economic, social, political, and intellectual history of Africa from colonial period to present.

HIST 283 South Africa since 1500

Units: 1

Description

Topical overview of South Africa from precolonial period to present, with special attention to conquest, economic development, establishment of the migrant labor system, segregation, and rise and fall of formal apartheid.

HIST 290 Britain and the World

Units: 1

Description

Survey of British history from the late eighteenth century to the present day, including Britain's relationship with its empire and the wider world. Topics include social relations during industrialization, imperial crises in Jamaica and India, feminism, the world wars, and the making of the welfare state.

HIST 299 Special Topics: Periods and Regions

Units: 1

Description

First-time or one-time courses in regions and periods not covered or not yet covered in the history program.

HIST 300 Claiming the American Revolution

Units: 1

Description

Consideration of the changing interpretations of the American Revolution and its legacies over time, from 1783 to the present. Explores key moments when early Americans argued over the meaning of the war in the first few decades after its conclusion. Examines the ways in which historians--and the public--have clashed over interpretations of the Founding Era.

HIST 301 The Civil War in Film and Literature

Units: 1

Description

Comparison of historians' treatments of the Civil War with its portrayal in documentaries, feature films, and literature.

HIST 306 American Identities

Units: 1

Description

Thematic exploration of historical issues of identity development and construction in the twentieth-century United States, focusing on such questions as: What do historians mean by "identity"? How do they use categories like race, class, and gender to understand the American experience? How have they approached issues of status, power, and individuality?

HIST 321 History of Work in Europe

Units: 1

Description

Historical study of the world of work in early modern and modern Europe. Focus on the 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.

HIST 322 Conquest and Coexistence: Medieval Frontier Society

Units: 1

Description

Examination of Medieval frontier societies in a comparative perspective, considering such themes as political organization and allegiances, and social, economic and religious life. Consideration given to both geographic and cultural frontiers--places where movement, confrontation, and intersection among peoples occurred. Particular emphasis on the dynamic of contact and separation, cultural exchange, and resistance in Southern Italy, Spain, the Crusader States, and the British Isles.

HIST 326 Communism

Units: 1

Description

An examination of the historical and philosophical issues surrounding the modern communist experience via the work of nearly two dozen major thinkers. A course in intellectual history, it pays special attention to the changing makeup of this supposedly monolithic ideology.

HIST 329 Brexit: A History

Units: 1

Description

Explores what it has meant to be British in the past two centuries as a way of shedding light on contemporary debates over Brexit.

HIST 341 History and Memory: WWII in East Asia

Units: 1

Description

Examination of the lingering controversies surrounding the history of WWII in East Asia. The focus is on the intersections of history and memory, and the politics of remembering and representing difficult historical events associated with the war. Issues include the Nanjing Massacre, comfort women, the bombing of Hiroshima and Nagasaki, and the Battle of Okinawa.

HIST 361 Madness and Society in the Modern Era

Units: 1

Description

Historiographical examination of such questions as: What is insanity? How do we define the normal and the pathological? Who in society is best suited to determine psychological health and sickness? Can there be sciences of the emotions and sexuality? How do class, race, religion, and gender influence our views of human mental functioning? Can the human mind know itself? How did the sciences of the mind (i.e. psychiatry, psychoanalysis, clinical psychology, psychopharmacology, and the cognitive neurosciences) claim tremendous scientific authority and exert enormous cultural influence at the turn of the twentieth century? A variety of settings will be considered, including continental Europe, North America, Latin America, and Africa from the late eighteenth to the early twentieth centuries.

HIST 370 Contending Visions of the Middle East

Units: 1

Description

Examination of major debates in the field of Modern Middle Eastern and Islamic History, exploring what the main approaches and their critiques are, how the field (especially recently) came to be polarized and politicized, and where more fruitful middle ground might be found between these hardened categories. Topics will include Orientalism and its discontents, the rise of political Islam, nationalism, and "civilizational identities."

HIST 380 Women and Gender in African History

Units: 1

Description

Examination of women's roles in and perspectives on some of the major issues in African history, including slavery, colonialism, and development.

HIST 390 Food and Power in Africa and Asia

Units: 1

Description

Comparative exploration of the 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.

HIST 391 Transnational Social Reform

Units: 1

Description

Exploration of 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.

HIST 395 The Historian's Workshop

Units: 1

Description

Introduction to various tools used by historians in their work. Topics covered might include digital methods, the nature of the archive, quantitative methods, paleography, oral history, genealogy, cartographic investigation, and exhibition design.

HIST 398 Historiography

Units: 1

Description

Introduction to principles and practices of historical writing. Although some attention is paid to the history of historical writing since classical times, focus will be on contemporary modes of historical writing.

HIST 399 Special Topics: Focused Themes

Units: 1

Description

First-time or one-time colloquia on focused topics not covered or not yet covered in the history program.

HIST 400 Research Seminar for Majors

Units: 1

Description

Required seminar for majors taken in junior or senior year. Investigation of a topic of limited focus culminating in 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.

HIST 401 Directed Study

Units: .5-1

Description

Individually designed reading or research program conducted under faculty supervision.

Prerequisites

Five courses in history and permission of department.

HIST 402 Individual Internship

Units: .5-1

Description

Practical history-related work combined with some academic study.

Prerequisites

Permission of department.

HIST 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts



project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

**Prerequisites**

Approval for summer Arts and Sciences fellowship by faculty mentor

**HIST 411 Honors Thesis Prospectus**

Units: .5

**Description**

Preparation of research prospectus for honors research seminar under direction of appropriate faculty.

**Prerequisites**

History 410 and admission to departmental honors program.

**HIST 412 Honors Research Seminar**

Units: 1

**Description**

Research and writing of honors thesis in history.

**Prerequisites**

History 410 and 411 and admission to departmental honors program.

**HIST 413 Honors Research Seminar**

Units: 1

**Description**

Research and writing of honors thesis in history.

**Prerequisites**

History 412.

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### **Integrated Quantitative Science Program**

*Faculty: Barnett (Mathematics and Computer Science), Boland (Biology), Kerckhove (Mathematics and Computer Science), Lipan (Physics)*

The integrated quantitative (IQ) science course is a first-year course for prospective science majors that provides an integrated introduction to biology, chemistry, physics, mathematics and computer science, with an accompanying integrated lab. It will approach scientific inquiry from multiple perspectives to develop the kinds of cross-disciplinary problem-solving skills that will lead to significant advances in human understanding. The course is structured as six modules, each of which links two or three of the five disciplines under the overarching theme of "New Materials for Living Systems".

Instruction will be wholly integrated. The course will be team-taught by five faculty members each semester, one from each of the five disciplines represented. At least two of these faculty members will attend each class meeting, exploring connections between disciplines along with the students. Lab work will require skills from each of the disciplines and will take place in collaborative teams.

**Purpose**

The yearlong course is designed for high-achieving high school students who enjoy the challenges of solving tough problems, have completed high school calculus and physics

and are planning to major in any of the sciences or mathematics. Students are required to apply for the course. The application asks for a listing of high school science and mathematics courses with grades and level (honors, AP, IB, etc.) as well as a short statement indicating the applicant's interest in interdisciplinary science and motivation for taking the course.

**The Course**

The IQ Science course has a fall component and a spring component; each component consists of two 1-unit courses. Students who successfully complete one semester of the courses will satisfy both the Field of Study requirement in the Natural Sciences (FSNS) and the Field of Study requirement in Symbolic Reasoning (FSSR). Students who successfully complete both semesters of the course will earn four units toward graduation. The IQS courses may substitute for any of the following requirements: BIOL 199, CHEM 141, CMSC 150, and PHYS 131. For students planning to enroll in the pre-med program, IQS meets three of the program's course requirements.

BIOL 190 Integrated Science/Math/Computer Science 1 with Lab - (See Biology section). Co-requisite: Math 190. 1 unit. (FSNB)

MATH 190 Integrated Science/Math/Computer Science 2 with Lab - (See Math section.) Co-requisite: Biology 190. 1 unit. (FSSR)

CHEM 191 Integrated Science/Math/Computer Science 3 with Lab - (See Chemistry section.) Prerequisites: Biology 190 and Math 190. Co-requisite: Physics 191. 1 unit.

PHYS 191 Integrated Science/Math/Computer Science 4 with Lab - (See Physics section.). Prerequisites: Biology 190 and Math 190. Co-requisite: Chemistry 191. 1 unit.

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### **Integrated Science**

*Michael Kerckhove, Coordinator (Math)*

The Integrated Science minor is designed for the student interested in an interdisciplinary approach to science. The over-arching theme is exploring the richness of types of problems that may be approached using a combination of sciences rather than one alone. Research experience is the cornerstone of the minor.

Coursework for the minor falls chronologically into three categories. In their first two years, students will typically take either the Integrated Quantitative Science (IQS) courses or the Science, Math, and Research Training (SMART) courses, plus PHYS 131. The IQS and SMART classes are structured around common themes that allow students to study topics in depth and from the perspectives of several scientific disciplines. The follow-up for each set of introductory science courses is the Research Training Seminar (IDST 284). Students not enrolled in IQS or SMART during the freshman year may qualify for the minor by taking the first course in the major in each of the five core disciplines as listed below and then enrolling in the Research Training Seminar (IDST

284). This seminar focuses on how interdisciplinary research programs are constructed and the types of problems that can be addressed using this approach.

During their junior and senior years, students will take two interdisciplinary courses that focus on a topic from at least 2 different disciplinary perspectives. A list of approved courses is available here, though students are encouraged to check with the coordinator for updates. The third component of the minor is the Senior Research Seminar (IDST 484). This is a literature-based course, for seniors only, that allows students to knit together their own research experiences with an in depth study of scientific papers on current interdisciplinary research or an independent project of their design that integrates a study of primary literature with some aspect of interdisciplinary research.

### The Integrated Science Minor

Note: The grade point average of the coursework comprising the minor must be no less than 2.00 with no course grade in the minor below C- (1.7). Students are strongly advised to consult with faculty in planning their minor curriculum.

6.75-7.75 units, including:

Biology - BIOL 190 or BIOL 192 or BIOL 199

Chemistry - CHEM 191 or CHEM 192 or CHEM 141

Computer Science - MATH 190 or CMSC 150

Mathematics - MATH 190 or MATH 211

Physics - PHYS 191 or PHYS 131

IDST 284 Research Training Seminar

IDST 484 Integrated Science Senior Seminar

Two units, (one of which must be in addition to courses completed for a major or other minor), chosen from:

BIOL 315/ENVR 315/GEOG 315 Landscape Ecology

BIOL 317 Mechanochemical Cell Biology

BIOL 320 Experimental Design and Biostatistics

BIOL 321 Strategies of Sex and Death

BIOL 335 Structural Biology

BIOL 336 Eco-epidemiology

BIOL 344 Behavioral Ecology

BIOL 390 Special Topics: Bioinformatics

BIOL 390 Special Topics: Epigenetics

BIOL 390 Special Topics: Genomics

CHEM 310 Physical Chemistry II

CHEM 311 Theoretical and Computational Chemistry

CHEM 316 Environmental Chemistry

CHEM 329 Protein Structure, Function, and Biophysics

CHEM 330 Special Topics in Biochemistry:  
Interdisciplinary Thinking in the Molecular Life Sciences

CHEM 333 Chemical Biology

MATH 304 Mathematical Models in Biology and Medicine

PHYS 203 Systems Biology

PHYS 215 Computational Methods in Physics

PHYS 479 Special Topic: Biophysics

or another approved elective

An undergraduate research project in any science, math, or computer science area of significant length that culminates in a written report or poster presentation, chosen from:

One unit in:

BIOL 394 Undergraduate Research

CHEM 320 Introduction to Research

PHYS 381 Research

CMSC 340 Directed Independent Study

MATH 340 Directed Independent Study

or a full time summer research experience of at least 8 weeks.

Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted.

### Interdisciplinary Studies

*Nicole Maurantonio (Rhetoric and Communication Studies)*

Interdisciplinary studies offers two distinct programs: interdisciplinary colloquia and the self-designed interdisciplinary studies major.

### The Interdisciplinary Studies Major

Note: A grade of not less than C- (1.7) is required in each course comprising the major.

15 units of coursework including the senior thesis, noting:

- The nature of the approved program will determine whether the degree is a Bachelor of Arts or Bachelor of Science.

- The specific program of study is developed by the student in consultation with two full-time faculty advisors in academic departments at UR with expertise in the students' subject of inquiry, one of whom must be in the School of Arts and Sciences (who will become the student's academic advisor).
- As a degree awarded by the School of Arts and Sciences IDST majors must demonstrate a focus on the liberal arts.
- The program must be approved by the student's two faculty advisors, the chairs of the faculty advisors' academic departments, the Interdisciplinary Studies committee.
- Students must demonstrate competence in two academic fields by completing all foundational courses in the two primary disciplines in addition to advanced courses. (NOTE: students wishing to study Marketing are required to take MKT 320 and are limited to two additional MKT courses.)

### Interdisciplinary Studies Honors Program

Because all Interdisciplinary Studies majors are unique to the individual student, there are no general requirements for honors beyond those established by the Arts and Sciences Honors Committee. Thus, to write for honors in Interdisciplinary Studies, the student must approach the Interdisciplinary Studies coordinator, be invited to write for honors, and submit the Honors program as required by the Honors Committee. Upon approval of the honors program, IDST 401-402 will be substituted for IDST 398-399 in the student's curriculum. The two thesis advisors will be the readers for honors and the coordinator will be bound by their judgment.

### Courses

IDST 190 Selected Projects

Units: .5

Description

Follow-up projects for students participating in the Richmond Endeavor first-year living-learning program.

IDST 270 Pilgrimage Studies

Units: .5

Description

Taken in conjunction with the Chaplaincy's pilgrimage experience. The course provides a context for the academic exploration of the issues at stake in the travel component: to discover the cultural, historical, and political context of the place, to deepen the students' understanding of the religious traditions active in the region, and to cultivate community across lines of difference within the team itself. Restrictions: participation in pilgrimage program.

IDST 281 Principles of the Natural Sciences

Units: 0

Description

Explores foundational principles of biology, chemistry and physics. Students gain experience with using these principles in an applied context that fosters critical thought. The course is designed for pre-medical students who are preparing to take the medical college admissions test (MCAT).

Prerequisites

BIOL 200, CHEM 206, and PHYS 127 or 131.

IDST 284 Integrated Quantitative Science (IQS) Research Training Seminar

Units: .25

Description

Continuation of the appreciation of, and facility with, integrated, interdisciplinary research in science, math, and computer science. Through discussion and hands-on activities students will gain a greater perspective and will develop skills in research that crosses traditional disciplinary boundaries.

Prerequisites

(BIOL 190 and MATH 190 and PHYS 191 and CHEM 191) or (BIOL 192 and CHEM 192 and MATH 211 and MATH 212) or permission of the instructor.

IDST 285 Developing Interdisciplinary Research

Units: .5

Description

Focuses on development of an interdisciplinary research project from inception through writing of grant proposal. Begins 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. Involves 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

CHEM 141 and BIOL 200 and 202.

IDST 290 Selected Projects

Units: .5

Description

Follow-up research project for participants in the Sophomore Scholars in Residence program.

IDST 299 Selected Topics

Units: 0-1

Description

One semester elective. Explores a variety of topics that do not typically fall within disciplinary boundaries.

IDST 379 Combined Major Project/Portfolio

Units: .5

Description

Working with faculty mentors, students will write a 20-30 page research paper on an interdisciplinary topic. Required in combination majors French/International Business, German/International Business, Italian/International Business, Chinese/International Business, English/Classics, English/French, English/Greek, English/Greek, English/Latin, English/WGSS, and English/Theatre.

Prerequisites

Department approval.

**IDST 388 Individual Internship**

Units: .25-1

**Description**

No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

**Prerequisites**

Departmental approval

**IDST 390 Interdisciplinary Studies in the Middle Ages and Renaissance**

Units: 1

**Description**

(See English 308.)

**IDST 395 Independent Study**

Units: .25-1

**Description**

Specialized study to provide maximum freedom in research and investigation.

**IDST 397 Special Topics**

Units: 1

**Description**

Topics will vary from semester to semester.

**IDST 398 Senior Thesis**

Units: .5

**Description**

For students in the interdisciplinary studies major.

**IDST 399 Senior Thesis**

Units: .5

**Description**

For students in the interdisciplinary studies major.

**IDST 401 Honors Thesis**

Units: 1

**Description**

Thesis course for students invited into departmental honors program. The honors thesis requires an oral defense, which is to include both the thesis advisors and a third party, to be determined by the coordinator in conjunction with the thesis advisors.

**Prerequisites**

Admission to departmental honors program.

**IDST 402 Honors Thesis**

Units: 1

**Description**

Thesis course for students invited into departmental honors program. The honors thesis requires an oral defense, which is to include both the thesis advisors and a third party, to be determined by the coordinator in conjunction with the thesis advisors.

**Prerequisites**

Admission to departmental honors program.

**IDST 406 Summer Undergraduate Research**

Units: 0

**Description**

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

**Prerequisites**

Approval for summer Arts and Sciences fellowship by faculty mentor

**IDST 484 Integrated Science Senior Seminar**

Units: .5

**Description**

Designed for students to pull together earlier interdisciplinary course experiences; discussions of recently published journal articles and talks by faculty doing interdisciplinary research will allow students to build on their appreciation of, and facility with, integrated, interdisciplinary research in science, math, and computer science. Restricted to seniors.

**Prerequisites**

Interdisciplinary Studies 284 and Math 212, 232, or 235

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## Italian Studies Program

### Department of Languages, Literatures, and Cultures

*Anthony Russell, Section Coordinator*

*Associate Professors Radi, Russell*

*Director of Intensive Language Program Marcin*

*Affiliated Faculty: Elena Cavillo (Art History), Joanna Drell (History)*

This section contains information specific to courses taught in Italian. Other courses relevant to the Italian Studies major/minor are listed under Languages, Literatures, and Cultures (LLC). For full information regarding departmental policies relevant to all LLC programs, study abroad, and course sequencing, see the main page of the Department of Languages, Literatures, and Cultures.

Courses in Italian language, literature and culture are offered in the Department of Languages, Literatures, and Cultures. Additionally, students may pursue the Italian Studies major or minor, which combine work in LLC with related courses in other departments.

### The Italian 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).

Nine courses, including:

One unit in Italian conversation, chosen from:

ITAL 301 Italian Conversation through Cinema

ITAL 311 Italian Culture and Society

ITAL 312 Italian in the Media

ITAL 315 Folklore and Legend in Northern Italy

ITAL 305 Writing in Italian Culture and Literature  
One unit in Italian literature, chosen

ITAL 321 Italian Literature in Context  
ITAL 323 The Literature of Exile  
Two units, chosen from:

ITAL 411 Italian Identities: Sicily, Veneto, and Tuscany  
ITAL 423 Le Tre Corone: Dante, Petrarca and Boccaccio  
ITAL 425 Love and Family all'italiana  
ITAL 453 Selected Readings in 19th- and 20th-Century Italian Literature and Culture  
ITAL 480 Food: French and Italian Rituals  
ITAL 497 Selected Topics in Italian Literature and Culture

Four units in addition to those taken above, chosen from (with a CLAC in Italian, if taken in English):

ARTH 211 Byzantine Art and Architecture  
ARTH 310 Late Antique and Early Christian Art  
ARTH 315 Art of the Italian Renaissance  
ARTH 316 Art in the Age of Reform  
CLSC 302 Roman Art and Archaeology  
HIST 223 The Roman Empire  
HIST 225 Medieval Italy  
HIST 227 The High Middle Ages  
HIST 230 The Renaissance  
HIST 249 Cold War Europe, 1945-1991  
ITAL 301 Italian Conversation through Cinema  
ITAL 311 Italian Culture and Society  
ITAL 312 Italian in the Media  
ITAL 315 Folklore and Legend in Northern Italy  
ITAL 397 Selected Topics: Italian Culture and Society  
LATN 303 Roman Epic  
LATN 306 Roman Philosophical Literature  
LATN 307 Catullus  
LATN 309 Cicero

LING 203 Introductory Linguistics  
LLC 210 Women, Virtue, and Temptation in Literature  
LLC 357 The Idea of the Renaissance: Self, History and Knowledge  
LLC 358 Desire and Identity in the Renaissance: The Lyric Tradition  
LLC 360 Representing the Holocaust  
LLC 362 History of the Romance Languages  
LLC 410 Teaching of a Modern Second Language  
MUS 134 Songbirds and Sirens  
PLSC 344 Europe Today  
RELG 356 Religious Thought of the Renaissance and Reformation

In addition to the regularly offered courses there will be others offered occasionally that may count towards an Italian studies major. All courses outside LLC that can be taken for credit towards the major will be announced by the section coordinator at the beginning of each registration period. Students should always check with the section coordinator to make sure that courses outside of LLC will count towards the major. Students are strongly encouraged to satisfy some of the requirements of the major by studying abroad. Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

#### **The Residency Requirement**

For all Italian majors, at least five of the nine courses required for the major must be taken on the University of Richmond campus. Majors must take at least one 400-level class on campus after studying abroad, regardless of whether or not they have sufficient credits to fulfill the major or minor requirements.

#### **Study Abroad**

Study and travel abroad are strongly encouraged for all students. For students of Italian, the department offers summer study programs in Italy. In addition, there are exchange agreements for study during the academic year in Verona, Ferrara, and Milano. For a complete list, contact the Office of International Education.

#### **The Italian 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). Up to three classes in transfer may be used toward minor requirements. Minors must take at least one 400-level class on campus after studying abroad, regardless of whether or not they have sufficient credits to fulfill the minor requirements.



Five courses, including:

Three Italian courses above the 200 level

Two courses, chosen from (with a CLAC in Italian, if taken in English):

ARTH 211 Medieval Byzantine Art  
ARTH 310 Late Antique and Early Christian Art  
ARTH 315 Art of the Italian Renaissance  
ARTH 316 Art in the Age of Reform  
CLSC 302 Roman Art and Archaeology  
CLSC 304 The Feminine in Greco-Roman Literature  
HIST 223 The Roman Empire  
HIST 225 Medieval Italy  
HIST 227 The High Middle Ages  
HIST 230 The Renaissance  
HIST 249 Twentieth-Century Europe  
ITAL 301 Italian Conversation through Cinema  
ITAL 305 Writing in Italian Culture and Literature  
ITAL 311 Italian Culture and Society  
ITAL 312 Italian in the Media  
ITAL 315 Folklore and Legend in Northern Italy  
ITAL 321 Italian Literature in Context  
ITAL 397 Selected Topics: Italian Culture and Society  
ITAL 411 Italian Identities: Sicily, Veneto, and Tuscany  
ITAL 423 Le Tre Corone: Dante, Petrarca and Boccaccio  
ITAL 425 Love and Family all'italiana  
ITAL 453 Selected Readings in 19th- and 20th-Century Italian Literature and Culture  
ITAL 480 Food: French and Italian Rituals  
LATN 303 Roman Epic  
LATN 306 Roman Philosophical Literature  
LATN 307 Catullus  
LATN 309 Cicero  
LING 203 Introductory Linguistics

LLC 210 Women, Virtue, and Temptation in Literature

LLC 357 The Idea of the Renaissance: Self, History and Knowledge

LLC 358 Desire and Identity in the Renaissance: the Lyric Tradition

LLC 360 Representing the Holocaust

LLC 362 History of the Romance Languages

LLC 410 Teaching of a Modern Second Language

MUS 134 Songbirds and Sirens

PLSC 344 Europe Today

RELG 356 Religious Thought of the Renaissance and Reformation

Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted.

In addition to the regularly offered courses there will be others offered occasionally that may count towards an Italian studies minor. All courses outside LLC that can be taken for credit towards the minor will be announced by the section coordinator at the beginning of each registration period. Students are strongly encouraged to satisfy some of the requirements of the minor by studying abroad.

#### **The Residency Requirement**

For all Italian majors, at least five of the nine courses required for the major must be taken on the University of Richmond campus. Majors must take at least one 400-level class on campus after studying abroad, regardless of whether or not they have sufficient credits to fulfill the major or minor requirements.

#### **Cross-School Major in Italian Studies and International Business**

(Earned in conjunction with a major in the Robins School of Business with an international business concentration.)

Nine courses and a senior project (498-499), in addition to completing all requirements of the international business concentration for the business administration major, including:

Five units in Italian at the 300 or 400 level

IDST 379 Interdisciplinary Research Project

One semester full-time study at Bocconi University of Economics and Business Administration or Verona University (four courses)

The Italian major/international business option represents a collaborative project between the Department of Languages, Literatures, and Cultures in the School of Arts and Sciences

and the International Business Program in the Robins School of Business. Designated faculty members from each program will advise students upon declaration and as they progress through the major. The curriculum includes a semester abroad at one of the University's partner institutions. There, students will continue work on their Robins School and Italian Studies requirements in classes with both local and other international students.

In order to prepare for the experience abroad, students in Italian will need to have completed at least Italian 221 on the Richmond campus; they must take at least one concurrent course in Italian while at Bocconi. Students are required to take one 400-level course in Italian upon their return.

### Honors Program

The Italian Honors Program is designed for outstanding students with intellectual initiative and the desire to pursue academic achievement beyond the level of standard course work. Students will engage in independent research and work closely with a faculty advisor on an Honors Thesis during their senior year.

#### Eligibility and Admission

To qualify for the Honors Program in Italian, a student should have:

1. 18.5 or more units completed overall
2. At least a 3.30 cumulative grade point average for all courses, and a 3.50 cumulative grade point average for Italian courses.

A student who does not meet these qualifications may be admitted to the program with the special recommendation of the faculty of the Italian section of the Department of Languages, Literatures, and Cultures and the approval of the Faculty Committee on the Honors Program. To enter the Honors Program, students must submit to the Honors coordinator of the Italian program a letter of intent, with nominating support from one faculty member, by March 15 of their junior year. Each student will be assigned an Honors research advisor with whom he or she will design a program of study that indicates how the student's Honors Program will be accomplished.

#### Program Requirements

To receive credit for the Honors Program, the student must:

- Fulfill the normal requirements for the B.A. in Italian.
- Take two 400-level Italian courses on campus for Honors credit. These courses will require extra work (supplementary readings and/or assignments, independent research on a topic related to the course, for instance). The extra work will be decided by the course instructor and vetted by the Italian Honors coordinator to ensure consistency.
- Take ITAL 491 (Honor Thesis I, 0.5 unit, fall of senior year) and ITAL 492 (Honor Thesis 2, 1 unit, spring of senior year) in order to complete a 25-30 page Honors Thesis written in Italian. This thesis will be based on extensive research and make an

original contribution to Italian. The student and his or her advisor should develop a schedule to meetings and assessment that they find appropriate and meet at least once a month. Honors students must present their thesis at the Italian Studies symposium at the end of their senior year. They are also strongly encouraged to apply for a Summer Research Fellowship during their junior year. The thesis will be graded by at least two readers, including the student's thesis advisor.

Students may withdraw at any time. If they do not complete required additional work or maintain an overall 3.3 grade point average and a 3.5 grade point average for Italian coursework, students will not receive credit for the Honors Program, and the department will submit a request for withdrawal to the Faculty Committee on the Honors Program..

### Courses

ITAL 121 Intensive Elementary Italian

Units: 2

#### Description

Introduction to Italian language and culture; development of skills in listening, speaking, reading, and writing.

ITAL 221 Intensive Intermediate Italian

Units: 2

Fulfills General Education Requirement (COM2)

#### Description

Active reinforcement and practice of listening, speaking, reading and writing, within contemporary cultural contexts.

#### Prerequisites

Italian 121.

ITAL 301 Italian Conversation through Cinema

Units: 1

#### Description

Development of effective communication through viewing and discussion of contemporary films.

#### Prerequisites

Italian 221 or permission of instructor.

ITAL 305 Writing in Italian Culture and Literature

Units: 1

#### Description

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.

#### Prerequisites

Italian 221 or permission of instructor.

ITAL 311 Italian Culture and Society

Units: 1

#### Description

Explores the social, cultural, economic, historical and political characteristics of various regions of Italy.

#### Prerequisites

Italian 221.

ITAL 312 Italian in the Media

Units: 1

Description

A dynamic exposure to Italian through its news media. By reading newspapers, listening to radio, watching television reports and visiting online sites, students will explore contemporary public affairs, from politics and economics to sports and the arts, in the "Bel Paese."

Prerequisites

Italian 221.

ITAL 315 Folklore and Legend in Northern Italy

Units: 1

Description

Comprehensive readings of numerous legends of the northernmost region of Italy, its languages (Italian, German, and Ladino), culture, geography, and history. Listening and comprehension skills alongside reading and writing will be developed in this course.

Prerequisites

Italian 221.

ITAL 321 Italian Literature in Context

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Introduction to Italian literature through analysis of selected works in their historical, aesthetic, sociopolitical, and other cultural contexts.

Prerequisites

Italian 305

ITAL 323 The Literature of Exile

Units: 1

Fulfills General Education Requirement FSLT

Description

Italian literature of exile from Dante to contemporary Italian transnational writers.

Prerequisites

Italian 305

ITAL 388 Individual Internship

Units: .5-1

Description

Internship experiences outside of the department in fields related to Italian studies. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of department.

ITAL 389 Practice Assistantship

Units: .25

Description

Students lead practice sessions associated with the elementary and intermediate language sequences in Italian. The practice assistantship does not count as course credit toward the major or minor. Up to one unit can be applied toward graduation credit.

Prerequisites

Department approval.

ITAL 397 Selected Topics

Units: 1

Description

Selected topics related to Italian culture and society, to be offered at the discretion of the department.

Prerequisites

Italian 221.

ITAL 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

ITAL 411 Italian Identities: Sicily, Veneto and Tuscany

Units: 1

Description

Comparative investigation of Sicily, Veneto, and Tuscany through historical, literary, artistic, political, and other cultural perspectives.

Prerequisites

Italian 321.

ITAL 423 Le Tre Corone: Dante, Petrarca and Boccaccio

Units: 1

Description

An exploration of Medieval Italian literature and culture, focusing on three of its most influential figures.

Prerequisites

Italian 321.

ITAL 425 Love and Family all'italiana

Units: 1

Description

Investigates the shifting importance and meaning of family in Italian culture through an encounter with literature, opera, and film.

Prerequisites

ITAL 305, ITAL 321 and 1 of the following: ITAL 301, 311, 312, 315

ITAL 453 Selected Readings in 19th and 20th Century Italian Literature and Culture

Units: 1

Description

Course topics will focus on various developments in Italian literature and culture in the 19th and 20th Centuries.

Prerequisites

Italian 321.

ITAL 480 Food: French and Italian Rituals

Units: 1

Description

Examines the impact of food on French and Italian culture and society. Through literary texts, philosophy, history, film, and the visual and performing arts, explores the complex relationship between food, culture, and identity.

Prerequisites

One course in the ITAL 320 series.

ITAL 491 Honor Thesis I

Units: .5

Description

Research of a topic of interest, design of original thesis and draft a first version of the Honors Thesis under the supervision of a thesis advisor.

Prerequisites

Participation in departmental honors program.

ITAL 492 Honor Thesis II

Units: 1

Description

Completion of a 25-30 page honor thesis and presentation of research to Italian Studies Faculty.

Prerequisites

Participation in departmental honors program.

ITAL 495 Independent Study

Units: .5-1

Description

Special projects individually pursued under supervision of faculty member.

Prerequisites

Permission of department.

ITAL 497 Selected Topics

Units: 1

Description

Special interest topics offered at department's discretion.

Prerequisites

ITAL 321

## Japanese Program

Department of Languages, Literatures, and Cultures

*Director of the Japanese Language Program Suzuki*

*Affiliated Faculty: Jane Geaney (Religion), Tze Loo (History)*

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

### The Japanese 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 units, including an approved study abroad experience and

Four courses in Japanese at the 300 level or above

For the last course of the Japanese minor, students are strongly encouraged to take a 400-level course in Japanese. They may also elect to take one elective from the list below with a C-LAC in Japanese:

HIST 250 Modern East Asia 1600-1960

HIST 255 Meiji Japan: An Emperor and the World Named for Him

HIST 341 History and Memory: WWII in East Asia

PLSC 343 Politics of Asia

PLSC 357 International Relations of East Asia

RELG 355 Selected Asian Religions

Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted.

### Study Abroad

For students of Japanese, the department offers a summer study program in Japan. In addition, there are study abroad opportunities during the academic year in Japan. For a complete list, contact the Office of International Education.

### Courses

JAPN 101 Elementary Japanese

Units: 1

Description

Basic speaking, reading, and writing (hiragana, katakana, and simple kanji) with emphasis on oral performance in class.

JAPN 102 Elementary Japanese

Units: 1

Description

Basic speaking, reading, and writing (hiragana, katakana, and simple kanji) with emphasis on oral performance in class.

Prerequisites

Japanese 101.

JAPN 201 Intermediate Japanese

Units: 1

Description

Further development of skills in speaking, reading, and writing (appr. 250 kanji), continued emphasis on oral performance.

Prerequisites

Japanese 102 or permission of department.

JAPN 202 Intermediate Japanese

Units: 1

Fulfills General Education Requirement (COM2)

Description

Further development of skills in speaking, reading, and writing (appr. 250 kanji), continued emphasis on oral performance.

Prerequisites

Japanese 201.

JAPN 301 Japanese Conversation

Units: 1

Description

Continued development of speaking, including use of idiomatic phrases and more conjunctions. Debating, presentation, and summarizing skills are taught.

Prerequisites

Japanese 202 or permission of department.

JAPN 302 Japanese Reading

Units: 1

Description

Continued development of reading (with concentration of Joyo Kanji list) using short stories, essays, and simple reading materials.

Prerequisites

Japanese 202 or permission of department.

JAPN 311 Japanese in Cultural Context

Units: 1

Description

Further development of communicative language skills, reading, and writing. Emphasis on cultural scenes in Japan.

Prerequisites

Japanese 202

JAPN 312 Japanese in Cultural Context

Units: 1

Description

Further development of communicative language skills, reading, and writing. Emphasis on cultural scenes in Japan.

Prerequisites

Japanese 202

JAPN 388 Individual Internship

Units: .25-1

Description

Internship experience outside of the department in fields related to Japanese studies. No more than 1.5 unit of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Department approval.

JAPN 401 Advanced Japanese Language, Literature and Culture

Units: 1

Description

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.

Prerequisites

Japanese 202.

JAPN 402 Advanced Japanese Language, Literature and Culture

Units: 1

Description

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.

Prerequisites

Japanese 202.

JAPN 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

JAPN 495 Independent Study

Units: .5-1

Description

Special projects individually pursued under supervision of faculty member.

Prerequisites

Departmental Approval Required

JAPN 497 Selected Topics

Units: 1

Description

Special interest topics offered at department's discretion.

Prerequisites

Permission of department.

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## Jewish Studies

*L. Stephanie Cobb, Coordinator (Religious Studies)*

### The Jewish Studies Minor

Note: The grade point average of the coursework comprising the minor must be no less than 2.0 with no course grade below C- (1.7).

Five units from approved JWST courses, including:

at least one unit from each of the following groups: A, B, C

selected from at least two different departments

A maximum of two units may be taken at another accredited institution or through an approved study abroad program, with the JWST advisor's approval. No more than half a unit shall be awarded for internship credit. No more than one 100-level course shall count toward the minor.

Prerequisites do not count toward the minor unless otherwise noted.

#### Group A: Identity and Representation

ARTH 310 Late Antique and Early Christian Art\*

CLSC 207 Greek Magic\*

ENGL 299 Immigrant Literature\*

FYS 100 Greek Myth and Cult\*



FYS 100 Is It Possible for Jews and Christians to Enter Into Meaningful Dialogue?*	JWST 297 Special Topics in Jewish Studies Units: 1 Description Special topics related to Jewish history and/or culture that contribute to the Jewish studies minor.
FYS 100 What's So Funny?*	
HIST 233 Reformation Europe*	
HIST 306 American Identities*	JWST 388 Individual Internship in Jewish Studies Units: .5-1 Description Up to one unit may be applied toward the Jewish studies minor. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units. Prerequisites Approval by the Jewish studies coordinator.
LAIS 421 Christians, Jews and Muslims from Frontier to Empire: Medieval Spain	
LLC 360 Representing the Holocaust	
PLSC 346 Politics of Cultural Pluralism	
RELG 240 Lost Christianities	
THTR 119 Broadway Musical Theatre*	JWST 395 Independent Study in Jewish Studies Units: .5-1 Description Topics independently pursued under supervision of faculty member. Prerequisites Religion 230.
Group B: Text and Practice	
ENGL 217 The Bible and Literature	
RELG 201 The Bible as Literature	
RELG 230 The History of Israel	JWST 397 Special Topics in Jewish Studies Units: 1 Description Special topics related to Jewish history and/or culture that contribute to the Jewish studies minor. Prerequisites Permission of instructor.
RELG 241 Introduction to the New Testament	
RELG 242 Jesus in Myth, Tradition, and History	
RELG 331 The Hebrew Prophets	
Group C: Culture and History	JWST 406 Summer Undergraduate Research Units: 0 Description Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U. Prerequisites Approval for summer Arts and Sciences fellowship by faculty mentor
CLSC 210 A History of Early Medicine*	
CLSC 321 Archaeology of the Middle East*	
FYS 100 From the Window of the St. James Hotel: The Songs of Bob Dylan*	
GERM 472 Culture Wars and Identity Debates in German Society from Empire to EU	
HIST 216 American Cultural and Intellectual History Since 1865*	
HIST 249 Cold War Europe, 1945-1991	
HIST 271 The Modern Middle East	
HIST 391 Transnational Social Reform*	
LLC 335 Bolsheviks, Bombs and Ballet: Soviet Culture and Civilization*	
RELG 393 God is Dead*	

Courses with an \* may apply toward the minor when approved by the Jewish Studies coordinator.

## Courses

## Journalism

### Department of Journalism

*Robert Hodierno, Chair*

*Associate Professor Hodierno*

*Director of Public Affairs Journalism Mufti, Mullen*

*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.

Nine units, including:

JOUR 200 News Media and Society

JOUR 201 News Writing and Reporting	Allows students who have mastered the basics of newsgathering to amplify and clarify those stories with images. Production of still photos and short videos suitable for publication.
JOUR 203 Introduction to Visual Journalism	
JOUR 301 Copy Editing	JOUR 205 Photojournalism Units: 1 Description Theory and practice of news and feature photography, properties of light and lenses. Prerequisites Journalism 201 and 203 with a grade of C or better, or a demonstrated mastery of photography basics.
JOUR 302 Public Affairs Reporting	
JOUR 303 Journalism Law, Ethics	
JOUR 304 Seminar	
JOUR 377 Practicum	
One unit of journalism elective	
<b>The Journalism Minor</b>	JOUR 301 Copy Editing Units: 1 Description Improving news writing through practice in copy reading, editing and discussion of news styles, grammar, usage, page design, headline writing, picture selection, news judgment, ethics. Prerequisites Journalism 200 and 201 with a grade of C or better.
Note: Except for pass/fail courses, a grade of not lower than C (2.0) is required in each journalism course comprising the minor.	
Six units, including:	JOUR 302 Public Affairs Reporting Units: 1 Description Writing and reporting on public institutions such as police, courts, and legislative bodies. Interviewing and research using public documents. Frequent off-campus writing assignments. Prerequisites Journalism 200 and 201 with a grade of C or better.
JOUR 200 News Media and Society	
JOUR 201 News Writing and Reporting	
JOUR 203 Introduction to Visual Journalism	
JOUR 301 Copy Editing	
JOUR 303 Journalism Law, Ethics	JOUR 303 Journalism Law, Ethics Units: 1 Description Case studies of ethical conflicts encountered in reporting and editing. State and federal case and statutory law affecting news media, especially libel, privacy, free expression, and "freedom of information." Prerequisites Journalism 200 and 201 with a grade of C or better.
JOUR 377 Practicum	
<b>Courses</b>	JOUR 304 Seminar Units: 1 Description Study of specialized field of reporting or writing.
JOUR 200 News Media and Society Units: 1 Fulfills General Education Requirement (FSSA) Description 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.	JOUR 307 Documentary Journalism Units: 1 Description An introduction to the practice and art of documentary film. Prerequisites Journalism 203 or demonstrated skills associated with video production.
JOUR 201 News Writing and Reporting Units: 1 Description Intensive training in basic writing and reporting skills, news values, ethical practices, and research. Includes frequent writing assignments.	JOUR 311 Press and Politics Units: 1 Description Exploration of roles and responsibilities of the press in reporting on the U.S. political process. Offered in the fall of even years.
JOUR 202 Feature and Magazine Article Writing Units: 1 Description Research and writing of news-feature and magazine articles.	JOUR 312 Independent Study
JOUR 203 Introduction to Visual Journalism Units: 1 Description	

Units: .5-1

Description

Enables qualified students who have completed basic requirements for major to work independently on special reporting and research projects.

Prerequisites

Permission of department chair and instructor.

JOUR 314 Literary Journalism

Units: 1

Description

The development of non-fiction writing from the early 1900s to the present. Analysis of five or six nonfiction books and more than 30 long-form magazine articles by major nonfiction writers.

JOUR 370 Selected Topics in Journalism

Units: 1

Description

Topics vary. Representative topics include drones in journalism, computer-assisted reporting and investigative reporting. May be repeated for credit if topics differ.

Prerequisites

Permission of instructor.

JOUR 377 Practicum

Units: 1

Description

Supervised work in writing, research, or production for on-campus news media.

Prerequisites

Journalism 200 and 201 with a grade of C or better.

JOUR 388 Internship

Units: .5

Description

Supervised work in writing, research, or production for on- or off-campus news media. May be repeated with the consent of the instructor. Offered for pass/fail grade only. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Journalism 200 and 201 with a grade of C or better.

JOUR 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

## Languages, Literatures, and Cultures

*Kasongo Mulenda Kapanga, Chair*

*Professors Bonfiglio, Bower, Howell, Kapanga, Ravaux-Kirkpatrick*

*Associate Professors Delers, Pappas, Radi*

*Assistant Professors Chan, Gao, Weist*

*Director of the Arabic Language Program Sulzer-Reichel*

*Director of the Intensive Language Program in French Baker*

*Director of the Intensive Language Program in Italian Marcin*

*Director of the Japanese Language Program Suzuki*

*Director of the Global Studio Marsh-Soloway*

Master a language. Live in that language and its culture and learn to think differently. Study complex global social and ethical issues through art, literature and film. This is what the faculty of LLC offers you in Arabic, Chinese, French, German, Italian, Japanese and Russian.

Departmental courses designated as LLC are taught in English and have no prerequisite, except as noted. Approved LLC courses may be counted as elective credit toward the relevant major in Arabic, Chinese, French, German, Italian, or Russian Studies if taken in conjunction with a Cultures and Languages Across the Curriculum (CLAC) component (.25 units).

## Languages, Literatures, and Cultures Majors

Arabic Studies

Chinese Studies

French

German Studies

Italian Studies

Russian Studies

Cross-School Major in Chinese and International Business (To be carried out in conjunction with a major in the Robins School of Business with an international business concentration.)

Cross-School Major in French and International Business (To be carried out in conjunction with a major in the Robins School of Business with an international business concentration.)

Cross-School Major in German and International Business (To be carried out in conjunction with a major in the Robins School of Business with an international business concentration.)

Cross-School Major in Italian and International Business (To be carried out in conjunction with a major in the Robins School of Business with an international business concentration.)

(Note: Portuguese and Spanish courses are offered through the Department of Latin American, Latino and Iberian Studies.)

## Languages, Literatures, and Cultures Minors

Arabic Studies

Chinese Studies

French

German Studies

Italian Studies

Japanese

Russian Studies

For full course listings in Arabic, Chinese, French, German, Italian, Japanese, and Russian, see the individual program pages.

### Study Abroad

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

### The Residency Requirement

For all LLC majors, at least 5 of the 9 courses required for the major must be taken on the University of Richmond campus. If the student participates in a study abroad program, at least one upper-level course in the major must be taken upon return from the program.

### 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 Languages, 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 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 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 languages, literatures and cultures category.

### Self-Directed Language Acquisition Program (SDLAP)

The Self-Directed Language Acquisition Program allows students to study languages not offered in the standard curriculum. Participants in the program develop competence in speaking, reading, and writing a less-commonly-taught language while honing their skills as autonomous learners and exploring the cultural context of language use. Modern Hebrew, Persian, Swahili, and Turkish are routinely offered; other languages are offered upon student request when necessary resources can be arranged.

All students begin the program in SDLC 110 or SWAH 110. SDLAP courses do not fulfill the COM 2 requirement. It is strongly advised that students complete COM 2 before entering the program.

### Courses

LLC 135 All About America

Units: 1

#### Description

Explores beyond the "what" differs in U.S. culture to "why" U.S. culture is the way it is and Americans act the way they do. Through readings, films, radio podcasts, TV shows, and other media, studies topics such as U.S. pop culture, family life, education, the media, social relationships, and much more. Uses an experiential learning approach to explore U.S. culture through fieldtrips in our community and region as well as visits with our neighbors. Focuses on strengthening English oral communications skills such as speaking, listening, discussion, and pronunciation.

#### Prerequisites

Departmental approval. Open only to international exchange students who are speakers of English as a second language.

LLC 140 How to Write Everything

Units: 1

#### Description

Designed for international non-native English speaking students to strengthen skills in informal and formal university academic writing. Assignments reflect skills needed for the kinds of academic writing University of Richmond students must master, such as research papers, presentation writing, comparison contrast, effective timed writing, other papers specific to majors. Special attention to grammar, style, and culture. Time for students to engage in individualized instruction is included.

LLC 198 Teaching English as a Second Language through Literature and Film

Units: 1

#### Description

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.

LLC 210 Women, Virtue, and Temptation in Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Representation of feminine virtue and vice in world literature.

Prerequisites

Departmental approval. For students in Moore International.

LLC 211 Reading to Live

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Explores the extent to which fiction can enhance (and often inform) our understanding of complex political, social, and economic issues. Students will learn new categories of analysis that will help them understand why fictional depictions of social values, modes of behavior, and moral choices can make both practical and theoretical contributions to the question of how we, as readers and social actors, might more fully live our lives.

LLC 220 Contemporary Chinese Popular Culture

Units: 1

Description

Read pop fictions, watch blockbusters, sitcoms, and reality TV shows, and listen to songs that topped Chinese pop music list over the last twenty years. Connect these cultural forms to current conversations and debates concerning youth culture, political participation, identity formation, intensifying globalization, and the loss of tradition. Students may select class readings/viewings and create their own pop culture products.

LLC 225 Chinese Culture and Civilization

Units: 1

Description

Interdisciplinary introduction to Chinese society and culture from earliest times to the present. Explores topics on ancient philosophy, religion, literature, art, architecture, customs, and other aspects of China's rich and diverse heritage, and introduces social transformation from a pre-modern empire to a modern nation state. Questions such as social changes, urban life, popular culture, and the values and ideas that captivate contemporary Chinese people's attention will also be addressed.

LLC 227 The Action Genre in East Asian Cinema

Units: 1

Description

The action genre is a persistent film genre with a strong literary, theatrical, and operatic tradition in East Asian cinema. This course traces the historical and cinematic evolution of the action genre from swordplay to kungfu to gunplay in Hong Kong, Japanese, and Korean cinema from the 1960s to the digital age. Students will acquire a critical vocabulary in visual analysis such as classical Hollywood narration, montage, continuity editing, and the "pause-burst-pause" pattern that are central to the punctuation of kinesthetic shocks in the action genre. We will explore how culturally specific codes of honor, loyalty, masculinity, and femininity (rooted in literature and theatrical codes) are lost or gained in translation as a result of film adaptations, international co-productions, and cross-cultural readings. Taught in English. All films are subtitled in English.

LLC 242 From Scheherazade to Jasmine: The Arabian Nights in World Literature and Culture

Units: 1

Description

Reading of excerpts from the Arabian Nights and discussion of the structure of the work. Survey of the translation and dissemination of the work in different cultures of the world, but especially the West. Critical survey of the impact of the work in world literature and culture.

LLC 243 Politics and Social Movements in Modern Middle Eastern Literatures

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Discussion of literary works by writers from the Middle East during the past few decades with an emphasis on the social and political issues these texts address. Examination of these texts as literary products first and foremost and it is within such a status that they can be our entry point to the societies of the Middle East and their problems.

LLC 256 Psychoanalysis, Literature and Culture

Units: 1

Fulfills General Education Requirement (FSLT)

Description

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.

LLC 260 Literature and Social Change in Eastern Europe

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Selected readings in 20th century Czech and Polish literature. Analysis of primary texts (in translation) focuses on the representation of both science and socialism as powerful ideological forces.

LLC 265 German Cinema

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Survey of German cinema from the 1930s to the present emphasizing the historical and cultural context in which the films were produced. (Same as FMST 265.)

LLC 321 Introduction to Nineteenth-Century Russian Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Introduction to Russian literature and critical literary analysis. Pushkin, Gogol, Dostoevsky, Tolstoy, Chekhov, and others.

LLC 322 Introduction to Twentieth-Century and Contemporary Russian Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Introduction to Russian literature and critical literary analysis. Includes Modernism, Soviet Socialist Realism, and contemporary Russian fiction.



LLC 325 Revolution and Modernity in Chinese Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Exploration of modern Chinese literature, visual culture, and critical thought from the beginning of the twentieth century to the end of the Mao era (1911-1976). Focus on the use of literature in "saving the nation" as a response to imperialism and the challenge of the West in the early twentieth century. Discusses how various writers and genres such as the short story, prose poetry, novella, and film convey and advocate ideas about "revolution" and "modernity".

LLC 335 Bolsheviks, Bombs and Ballet: Soviet Culture and Civilization

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Survey of intellectual and scientific life, artistic movements, and popular culture under communism in the Soviet Union. Interdisciplinary focus on the arts, music, science, and literature with attention to complicated relations between official and private culture.

LLC 341 Gender and Sexuality in 19th-Century France

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Examines representations of gender and sexual identity in 19th-century France as demonstrated in literature, film, and historical documents.

LLC 346 Insiders and Outsiders: Arabic Encounters with the West

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Study of texts from throughout Arab history since the expansion of Islam until today, in which travelers and thinkers, academics and politicians, everyday people and people with religious or other ideological agendas describe their encounters with the world outside their own cultural environment. These texts will be analyzed less for the information they contain about the world they describe, but for what the views and thoughts their writers reveal about their own world and frame of mind. The texts will be read in translation and will cover material from the earliest Islamic travelers such as Ibn Fadlan to figures of current history such as Usama bin Laden.

LLC 347 Islam, Nationalism, and the West - Modern Thought in the Arab World

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Historical survey of the main thinkers and ideas in the Arab world during the past two centuries. Emphasis on the different and contending reactions to the challenges of modernity and the West as well as the relation to indigenous and traditional ideas, especially religion.

LLC 355 Chinese Cinema

Units: 1

Description

An introduction to Chinese cinema in relation to issues of modernity, nationalism, gender, cultural identities and beyond. Selected canonical films of China, Taiwan, and Hong Kong will be introduced.

LLC 357 The Idea of the Renaissance: Self, History and Knowledge

Units: 1

Description

A comparative and interdisciplinary investigation of the period in European history known as the Renaissance through the lens of some of its most well known and compelling works.

LLC 358 Desire and Identity in the Renaissance: The Lyric Tradition

Units: 1

Fulfills General Education Requirement (FSLT)

Description

A comparative investigation of Italian, French, and English Renaissance lyric poetry. (Same as English 309.)

LLC 360 Representing the Holocaust

Units: 1

Description

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.

LLC 362 History of the Romance Languages

Units: 1

Description

Readings and tasks designed to develop students' understanding of language change as exemplified by the evolution of the Romance languages (French, Spanish, Italian, Portuguese, etc.) from Latin. Includes linguistic terminology, discovery of the origins of the similarities and differences apparent in the Romance languages, experience with written evidence of language transformation, and exploration of the impact of historical events on language.

Prerequisites

French 121, Italian 121, Latin American and Iberian Studies 121, 151, or Latin 102

LLC 388 Individual Internship

Units: .5-1

Description

Internship experiences outside of the department in fields related to LLC programs. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of department.

LLC 389 Practice Assistantship

Units: .25

Description

Students lead practice sessions associated with the elementary and intermediate language sequences outside of the regularly-taught program languages. The practice assistantship does not count as credit toward the major or minor. Up to one unit can be applied toward graduation credit.

Prerequisites  
Permission of department.  
LLC 397 Selected Topics  
Units: 1

Description  
Special interest topics offered at department's discretion.  
Prerequisites  
Permission of department.

LLC 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

LLC 410 The Teaching of a Modern Second Language

Units: 1

Description

Theory and practice of teaching modern second language at the K-12 levels. Designed to enable teachers to meet state licensure requirements.

Prerequisites

For LLC: Completion of a languages, literatures and cultures minor or the equivalent, or permission of department. For education minors seeking licensure in Spanish that requires LLC 410: the completion of a Latin American and Iberian Studies minor, the equivalent, or permission of the Latin American and Iberian studies department.

LLC 495 Independent Study

Units: .5-1

Description

Special projects individually pursued under supervision of faculty member.

Prerequisites

Permission of department.

LLC 497 Selected Topics

Units: 1

Description

Experimental and special interest topics offered at department's discretion.

SDLC 105 Introduction to Self-Directed Language Learning

Units: .5

Description

Development of skills needed to become autonomous learners of language and culture, including how to create a learning plan, use multimedia resources, work with language tutors, and assemble a learning portfolio. Development of basic understanding of the structure of human languages and the relationship between language and culture.

Prerequisites

co-requisite: Self-Directed Language and Culture 110

SDLC 110 Self-Directed Language Learning I

Units: 1

Description

Development of skills in reading, writing, and speaking a new language. Investigation of the history of the language and the culture of the areas in which the language is used. Assessment of progress through examination and the evaluation of a student-created portfolio.

Prerequisites

co-requisite: Self-Directed Language and Culture 105

SDLC 111 Self-Directed Language Learning II

Units: 1

Description

Development of skills in reading, writing, and speaking a less-commonly-taught language. Investigation of the history of the language and the culture of the areas in which the language is used. Assessment of progress through examination and the evaluation of a student-created portfolio.

Prerequisites

Self-Directed Language and Culture 110

SDLC 112 Self-Directed Language Learning III

Units: 1

Description

Development of skills in reading, writing, and speaking a less-commonly-taught language. Investigation of the history of the language and the culture of the areas in which the language is used. Assessment of progress through examination and the evaluation of a student-created portfolio.

Prerequisites

Self-Directed Language and Culture 111

SDLC 113 Self-Directed Language Learning IV

Units: 1

Description

Development of skills in reading, writing, and speaking a less-commonly-taught language. Investigation of the history of the language and the culture of the areas in which the language is used. Assessment of progress through examination and the evaluation of a student-created portfolio.

Prerequisites

Self-Directed Language and Culture 112

SWAH 110 Mentored Self-Instruction in Swahili I

Units: 1

Description

Development of skills in reading, writing, and speaking Swahili. Investigation of the history of the language and the cultures of the areas in which the language is used. Assessment of progress through examination.

SWAH 111 Mentored Self-Instruction in Swahili II

Units: 1

Description

Development of skills in reading, writing, and speaking Swahili. Investigation of the history of the language and the culture of the areas in which the language is used. Assessment of progress through examination and the evaluation of a student-created portfolio.

SWAH 112 Mentored Self-Instruction in Swahili III

Units: 1

Description

Development of skills in reading, writing, and speaking Swahili. Investigation of the history of the language and the culture of the areas in which the language is used. Assessment of progress through examination and the evaluation of a student-created portfolio.

Prerequisites  
Swahili 111

SWAH 113 Mentored Self-Instruction in Swahili IV  
Units: 1

Description  
Development of skills in reading, writing, and speaking Swahili. Investigation of the history of the language and the culture of the areas in which the language is used. Assessment of progress through examination and the evaluation of a student-created portfolio.

Prerequisites  
Swahili 112

## Latin

### Department of Classical Studies

*Julie Laskaris, Chair*

*Professors Rankine, Simpson*

*Associate Professors Baughan, Laskaris, Stevenson*

*Assistant Professor Gunkel*

### The Latin Major

Note: A grade of not less than C- (1.70) is required in all coursework comprising the Latin major.

10 units, including

Two units selected from:

CLSC 302 Roman Art and Archaeology

CLSC 306 The Classical Tradition (or approved CLSC substitute)

HIST 222 Hellenistic Greece and Republican Rome OR  
HIST 223 The Roman Empire

LATN 498 Major Seminar

Seven units Latin electives

Note: A minimum of two years of Greek is recommended for students intending to pursue graduate study.

### The Latin Minor

Note: A grade of not less than C- (1.70) is required in all coursework comprising the Latin minor.

Six units of Latin, with at least two units at the 300 or 400 level.

### Related Majors

Combined major in Latin and English

### Courses

LATN 101 Elementary Latin

Units: 1

Description

Introduction to Latin language and Roman culture.

LATN 102 Elementary Latin

Units: 1

Description

Introduction to Latin language and Roman culture.

Prerequisites

Latin 101.

LATN 201 Intermediate Latin

Units: 1

Description

Continued study of Latin language and Roman culture plus selected readings.

Prerequisites

Latin 102 or the permission of department.

LATN 202 Intermediate Latin

Units: 1

Fulfills General Education Requirement (COM2)

Description

Continued study of Latin language and Roman culture plus selected readings.

Prerequisites

Latin 201.

LATN 301 Plautus

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Study of Roman comedy using Latin texts, videotapes, and live performance.

Prerequisites

LATN 202 or permission of department.

LATN 302 Ovid

Units: 1

Description

Mythic traditions of Greco-Roman culture.

Prerequisites

LATN 202 or permission of department.

LATN 303 Roman Epic

Units: 1

Description

Special emphasis on Vergil's "Aeneid."

Prerequisites

Latin 202 or by departmental approval.

LATN 304 Roman Historiography

Units: 1

Description

Emphasis on Livy and Tacitus.

Prerequisites

LATN 202 or permission of department.

LATN 305 Horace

Units: 1

Description

The lyric poetry.  
Prerequisites  
LATN 202 or permission of department.

LATN 306 Roman Philosophical Literature  
Units: 1  
Description  
Special emphasis on Lucretius' "De Rerum Natura" or Cicero's "Tusculan Disputations."  
Prerequisites  
Latin 202 or permission of department.

LATN 307 Catullus  
Units: 1  
Fulfills General Education Requirement (FSLT)  
Description  
Literary analysis of selected readings.  
Prerequisites  
Latin 202 or permission of department.

LATN 308 The Novel  
Units: 1  
Description  
Latin novels of Petronius and Apuleius.  
Prerequisites  
LATN 202 or permission of department.

LATN 309 Cicero  
Units: 1  
Description  
Theory and history of Roman oratory.  
Prerequisites  
LATN 202 or permission of department.

LATN 398 Selected Topics  
Units: 1  
Description  
Topics or themes in Roman literature. May be repeated for credit when topic varies.  
Prerequisites  
LATN 202 or permission of department.

LATN 406 Summer Undergraduate Research  
Units: 0  
Description  
Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.  
Prerequisites  
Approval for summer Arts and Sciences fellowship by faculty mentor

LATN 411 The Teaching of High School Latin  
Units: 1  
Description  
Theory and practice of teaching Latin. Designed to enable teachers to meet state licensure requirements.  
Prerequisites  
Latin 202 or permission of department.

LATN 498 Major Seminar  
Units: 1  
Description  
Required of all majors. Methodologies appropriate to Latin studies and the writing of a research paper.  
Prerequisites  
Permission of department.

LATN 499 Independent Study  
Units: .5-1  
Description  
Content suited to the requirements and interests of student, chosen by student and faculty director in advance of the semester in which the independent study is to be done.  
Prerequisites  
Permission of department.

### Latin American, Latino and Iberian Studies

#### Department of Latin American, Latino and Iberian Studies

*Angel Otero-Blanco, Chair*  
*Professor Feldman*  
*Associate Professors Hermida-Ruiz, Méndez de Coudriet, Otero-Blanco*  
*Assistant Professors Amaral-Rodriguez, Giancaspro, Kissling*  
*Director of Luso-Brazilian Studies Abreu*  
*Director of Intensive Language Program in Spanish Peebles*  
*Assistant Director of Intensive Language Program in Spanish Corradini*  
*Director of Community-Based Learning Vázquez*  
*Director of Global Studio Marsh-Soloway*

#### The Latin American, Latino and Iberian 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).

9.5 units, including

One chosen from LAIS 301-LAIS 308 Spanish in Context

LAIS 309 Spanish Writing Workshop

One unit of an FSLT taught in LAIS, chosen from

LAIS 321 Literary Spain

LAIS 331 Introduction to Spanish American Literature

LAIS 332 Introduction to Spanish American Literature

Three units above 310 (excluding LAIS 388 and LAIS 389)

Three units 400-level seminars

.5 units: Student Research Symposium

Additional requirements for majors

1. For students studying abroad for a semester or year, at least one 400-level LAIS seminar must be taken upon return to the University of Richmond.

Visit [lais.richmond.edu/program/study-abroad.html](http://lais.richmond.edu/program/study-abroad.html) for all study abroad requirements and policies.

2. A maximum of three non-University of Richmond courses can be transferred toward the LAIS major
3. All LAIS majors need to have completed previously at least two 300-level LAIS courses in order to receive LAIS credit from a study abroad program. Visit [lais.richmond.edu/program/study-abroad.html](http://lais.richmond.edu/program/study-abroad.html) for all study abroad requirements and policies.
4. A maximum of three courses with a C-LAC component may be counted toward the major. Only one of these courses may be taken outside the Department of Latin American, Latino and Iberian Studies.

### **The Latin American, Latino and Iberian 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).

Six units, including  
One unit chosen from LAIS 301-LAIS 308: Spanish in Context

LAIS 309 Spanish Writing Workshop

One unit of an FSLT taught in LAIS, chosen from

LAIS 321 Literary Spain

LAIS 331 Introduction to Spanish American Literature

LAIS 332 Introduction to Spanish American Literature

Three units above 310 (excluding LAIS 388 and LAIS 389)

Additional requirement for minors

1. All LAIS minors need to have previously completed at least two LAIS courses at the 300 level at the University of Richmond in order to transfer credit from a study abroad program. Visit [lais.richmond.edu/program/study-abroad.html](http://lais.richmond.edu/program/study-abroad.html) for all study abroad requirements and policies.
2. For students studying abroad for one semester or one year, at least one course must be taken upon return to the University of Richmond. Visit [lais.richmond.edu/program/study-abroad.html](http://lais.richmond.edu/program/study-abroad.html) for all study abroad requirements and policies.

### **LALIS 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 advanced proficiency through residence in a Spanish-speaking country. Students with advanced or superior proficiency must seek the advice of a faculty member in the department before registering.

Students with advanced or superior proficiency who wish to pursue a major or minor in LALIS should complete their studies with courses higher than 309. The total number of units required for the major remains 9.5; for the minor, six.

Students with advanced or superior proficiency who wish to take LALIS courses as electives, without pursuing a major or minor, should follow the same criteria. Students cannot take a course below 309 for elective credit, except with permission of the department.

### **Cross-School Major in Latin American, Latino and Iberian Studies and International Business**

(Earned in conjunction with a major in the Robins School of Business with an international business concentration.)

9.5 units, in addition to completing all requirements of the international business concentration for the business administration major, including

One chosen from LAIS 301-LAIS 308: Spanish in Context

LAIS 309 Spanish Writing Workshop

One unit chosen from:

LAIS 321 Literary Spain

LAIS 331 Introduction to Spanish American Literature I

LAIS 332 Introduction to Spanish American Literature II

Two units in LAIS at the 400 level, one of which must be taken upon return from study abroad

One semester in Latin America or Spain at an approved institution with an all-Spanish curriculum in business (four courses)

LAIS 496 Senior Symposium

The cross-school major in Latin American, Latino and Iberian Studies and International Business represents a collaborative 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 LAIS will have a solid base of 300-level courses taken on the Richmond campus. Upon return they will broaden their knowledge of literary and cultural studies through advanced seminars as well as continue their Robins School coursework.

### **Note about Portuguese**



LAIS 349, Portuguese for Romance Language Speakers, is an accelerated language course aimed at students already fluent or proficient in Spanish (either heritage speakers or advanced students who have completed at least one FSLT course in LAIS: 321, 331, or 332). Permission of instructor required in other cases. This course may be taken as elective credit for the LALIS major and minor. Students taking this course may also earn credit towards the Luso-Brazilian Studies Minor.

### Related Fields

Global Studies: Politics and Governance

Luso-Brazilian Studies

### Study Abroad

Study abroad is 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, Brazil, Chile, Mexico, and Spain. Visit [lalis.richmond.edu/study-abroad/index.html](http://lalis.richmond.edu/study-abroad/index.html) for all study abroad requirements and policies.

### Outreach Program

The LALIS 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. Students participating in this program may work for a minimum of 20 hours per semester for an additional .25 units of credit (up to .5 units of credit).

### Courses

LAIS 121 Intensive Elementary Spanish

Units: 2

#### Description

For students with no prior experience studying the Spanish language. Stresses development of skills in speaking, listening, 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.

LAIS 151 Spanish for Advanced Beginners

Units: 1

#### Description

Advanced beginner's course is designed for students who need a review of elementary Spanish before continuing on to Spanish 221. The course will concentrate on the fundamentals of the Spanish grammar system as applied to the skills of speaking, listening, reading, and writing. Taught in Spanish, with two additional weekly practice sessions.

#### Prerequisites

At least two years of high school Spanish.

LAIS 221 Intensive Intermediate Spanish

Units: 2

Fulfills General Education Requirement (COM2)

#### Description

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.

#### Prerequisites

Latin American, Latino and Iberian Studies 121 or 151 or permission of department.

LAIS 231 Intensive Intermediate Portuguese

Units: 2

Fulfills General Education Requirement (COM2)

#### Description

Reinforcement and further development of listening, speaking, reading and writing skills in Portuguese; detailed survey/study of Lusophone cultures.

#### Prerequisites

Latin American, Latino and Iberian Studies 131

LAIS 301 Spanish in the Community

Units: 1

#### Description

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 community-based learning component may also be undertaken independently. Contact the department for more information.

#### Prerequisites

Latin American, Latino and Iberian Studies 221.

LAIS 302 Spanish in Fiction

Units: 1

#### Description

Development of aural, oral, and written communication skills through literary texts of the Hispanic world. Reading of poems, short stories, plays, and short novels and interpretation through class discussions and regular writing assignments.

This is not an FSLT course.

#### Prerequisites

Latin American, Latino and Iberian Studies 221.

LAIS 303 Spanish in the Media

Units: 1

#### Description

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, complete written assignments on a regular basis, and view all programs and films assigned by the instructor.

#### Prerequisites

Latin American, Latino and Iberian Studies 221.

LAIS 304 Spanish in the Theater

Units: 1

#### Description

Development of aural, oral, and written communication skills through the study and performance of contemporary plays from Latin America. Special attention will be given to the discussion of social, cultural, historical, and political aspects

of the texts studied, as well as their genre-specific characteristics.

Prerequisites

Latin American, Latino and Iberian Studies 221.

LAIS 305 Spanish in Politics and Society

Units: 1

Description

Development of aural, oral, and written communication skills through the study and discussion of current events and issues in the Spanish-speaking world.

Prerequisites

Latin American, Latino and Iberian Studies 221.

LAIS 306 Spanish in Business

Units: 1

Description

Development of aural, oral, and written 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.

Prerequisites

Latin American, Latino and Iberian Studies 221.

LAIS 308 Let's Talk About Film

Units: 1

Description

Development of aural, oral, and written communication skills in Spanish through the study of representative films, fiction and documentary.

Prerequisites

LAIS 221

LAIS 309 Spanish Writing Workshop

Units: 1

Description

Analysis of grammatical structure of Spanish. Writing practice.

Prerequisites

LAIS 221

LAIS 310 Spanish for Heritage Speakers

Units: 1

Description

Spanish instruction for students with at-home Spanish-language experience (heritage speakers). Covers a variety of topics relevant to Spanish speakers in the United States, including, but not limited to, immigration, hybrid identity and Spanglish. Meant to broaden Spanish vocabulary, sharpen grammatical accuracy, and improve awareness of what it means to be a native Spanish speaker in the United States.

LAIS 311 Perspectives on Peoples and Cultures of Spain

Units: 1

Description

Study of society, cultures, arts, history, and ideas of Spain.

Prerequisites

One of Latin American, Latino, and Iberian Studies 301, 302, 303, 304, 305, 306, 307, 308 and 309.

LAIS 312 Introduction to Latin American Studies

Units: 1

Description

Study of society, cultures, arts, history, and ideas of Latin America.

Prerequisites

One of Latin American, Latino, and Iberian Studies 301, 302, 303, 304, 305, 306, 307, 308 and 309.

LAIS 314 Luso-Brazilian Studies: A Global Perspective

Units: 1

Description

A comprehensive overview of the many cultures that comprise the Luso-Brazilian world, with attention to texts that have played significant literary, cultural, social, and historical roles in the construction of Lusofonia. Taught in English. Students may opt to complete complementary coursework in Portuguese or Spanish with the available C-LAC components. Elective credit for LALIS major/minor granted only with completion of corresponding C-LAC component in Spanish.

LAIS 321 Literary Spain: Poetry, Drama, Fiction

Units: 1

Fulfills General Education Requirement (FSLT)

Description

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.

Prerequisites

One of Latin American, Latino, and Iberian Studies 301, 302, 303, 304, 305, 306, 307, 308 and 309.

LAIS 331 Introduction to Latin American Literature I

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Introduction to Spanish-American literature and critical literary analysis. Focus on primary texts dating from the 15th through 19th centuries (331); 20th century (332).

Prerequisites

One of Latin American, Latino, and Iberian Studies 301, 302, 303, 304, 305, 306, 307, 308 and 309.

LAIS 332 Introduction to Latin American Literature II

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Introduction to Spanish-American literature and critical literary analysis. Focus on primary texts dating from the 15th through 19th centuries (331); 20th century (332).

Prerequisites

One of Latin American, Latino, and Iberian Studies 301, 302, 303, 304, 305, 306, 307, 308 and 309.

LAIS 349 Portuguese for Romance Language Speakers

Units: 1

Description

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.

Prerequisites

ITAL 321 or FREN 320 or 324 or 325 or 326 or 327 or LAIS 321 or 331 or 332

LAIS 357 Seville in History and Fantasy

Units: 1

Description

An introduction to Seville as one of the most important cities in the history and culture of Spain, from its ascendancy during the Roman Empire to its decline in the 18th century. The course focuses on Seville as [1] an ideal entry point to learn about both the Mediterranean and the Atlantic history of Europe up until the eighteenth century, and [2] one of the major fantasy sites of European and North-American Romantic orientalism in the 19th and early 20th centuries. Most readings for this course will be in Spanish.

Prerequisites

One of Latin American, Latino, and Iberian Studies 301, 302, 303, 304, 305, 306, 307, 308 and 309.

LAIS 361 Spanish Misfits

Units: 1

Description

Study of the character of "the outsider" in the short fiction of 19th and early 20th century Spain, with special emphasis on the cultural and political history of the Iberian Peninsula.

Prerequisites

One of Latin American, Latino, and Iberian Studies 301, 302, 303, 304, 305, 306, 307, 308 and 309.

LAIS 371 Introduction to Latin American Film

Units: 1

Description

Study of prominent examples of Latin American film production with special attention paid to aesthetic aspects of cinematographic language and cultural questions embodied in the films examined (same as FMST 371).

Prerequisites

For Latin American, Latino and Iberian Studies majors/minors: Latin American, Latino and Iberian Studies 309. For Film Studies majors/minors: Film Studies 201 or 202 with a grade of C or better.

LAIS 388 Individual Internship

Units: .25-1

Description

Not to be counted as credit toward the major or minor. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Admission by audition/permission of department.

LAIS 389 Practice Assistantship

Units: .25

Description

Students lead practice sessions associated with the elementary and intermediate language sequences in Spanish. The practice assistantship does not count as course credit toward the major or minor. Up to one unit can be applied toward graduation credit.

Prerequisites

Permission of department.

LAIS 397 Selected Topics

Units: 1

Description

Special interest topics offered at department's discretion.

Prerequisites

One of Latin American, Latino, and Iberian Studies 301, 302, 303, 304, 305, 306, 307, 308 and 309.

LAIS 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

LAIS 411 Bilingualism in the U.S., Latin America, and Spain

Units: 1

Description

Examines phenomena related to societal bilingualism (e.g. language shift, policies, and education) in various communities within the US, Latin America, and Spain, as well as phenomena related to individual bilingualism (e.g. acquisition, processing, and code switching).

Prerequisites

LAIS 321, LAIS 331, or LAIS 332

LAIS 412 The Sounds of Spanish

Units: 1

Description

Taught in Spanish. Salient differences between the sound systems of English and Spanish to improve pronunciation of Spanish. How sounds are represented in the mind and why first languages impact accent in second languages. Analysis of a variety of regional and social dialects in order to improve aural comprehension as well as understand the social significance of language variation and how language is used to craft identities. Requires original research projects in sociophonetics.

Prerequisites

LAIS 309 and one course from LAIS 310-497

LAIS 421 Christians, Jews and Muslims from Frontier to Empire: Medieval Spain

Units: 1

Description

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 early proof of what is now called "the clash of civilizations" or "clash of cultures."

Prerequisites

Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 431 Imperial Spain: The Age of Conflict

Units: 1

Description

Study of literary responses to the new constitution of Spain as Empire and new definitions of Spanish identity.

Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 432 True Lies: Fiction and Truth in Don Quijote  
Units: 1  
Description  
Study of Cervantes' successful formula for the novel.  
Analyzes conflict between fiction and truth as the basis for a new realist novel proposed by Cervantes.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 451 Literature of Exile  
Units: 1  
Description  
Study of Spanish exile literature and multiple constructions of the exilic imagination in relation to Spanish cultural and political history.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 452 Spanish-American Poetic Texts  
Units: 1  
Description  
Study of the communicative power of poetic language with special emphasis given to identification of basic tools for interpreting poetic texts in relation to individual and general contexts  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 453 Romantic Spain  
Units: 1  
Description  
An examination of Spanish romanticism, a cultural movement that was as artistically rich as it was intellectually contentious. Our perspective will be enhanced by the work of writers, painters, and composers from beyond Iberian borders (i.e., England, the United States, France, and Italy), whose fascination with the exotic lands of southern Europe inspired them to create their own portrayals of romantic Spain.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332

LAIS 454 Modern Literature of Galicia  
Units: 1  
Description  
An interdisciplinary approach to the study of modern Galician literature and culture (Galician traditions, visual art, film) and their relevance within a global context.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 455 Barcelona: Text and City  
Units: 1  
Description  
The cultural, intellectual, and urban history of the city of Barcelona from the mid 19th century to the present, with special attention to how the city is portrayed in literature and other works of art.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 462 Visions of Contemporary Spain  
Units: 1  
Description  
Study of the cultures of contemporary Spain since the transition to democracy with special attention given to literature, film, theatre, art, popular culture, and mass media.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 463 Modern Spanish Narrative  
Units: 1  
Description  
Study of representative narrative texts from the 19th to the 21st century. Emphasis on the technical and thematic innovations of the novel and short story as well as the social and historical contexts that have shaped literary production.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 464 Modern Theatre in Spain  
Units: 1  
Description  
Study of written dramatic texts and performance traditions from Spain. Selections may include works from the 18th century to the present.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 465 Cinema of Spain  
Units: 1  
Description  
Study of significant Spanish films with special attention to their relationship to politics, culture, society, and history.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 472 Latin American Theater  
Units: 1  
Description  
Study of leading contemporary theatrical movements in Spanish America with focus on universal aspects of language of the theater and uniqueness of Spanish-American themes and trends.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 474 Contemporary Writing in Latin America  
Units: 1  
Description  
An interdisciplinary approach to the study of the literary movements currently taking place in Latin America. Special attention devoted to the literature published during the last decade of the 20th century as a defining period in which new trends become consolidated. Covers the entire region, focusing on works published in the Southern Cone, Colombia, Central America, Mexico, and Cuba.  
Prerequisites  
Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 475 Writing Sex and Gender in Latin America  
Units: 1  
Description  
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

Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 476 Literary Journalism in Latin America

Units: 1

Description

Explores the intersections between journalism and literature through the reading and analysis of crónicas, a very popular genre in Latin America since the end of the nineteenth century. Discussion, readings, and assignments will focus on:

- 1) the chronicle as a flexible genre and an opportunity for writers to become cultural, literary, social and political critics;
- 2) the chronicle as a privileged site for the analysis of the social, political, and historical context and its connection with fields of cultural production.

Prerequisites

Latin American, Latino and Iberian Studies 321, 331, or 332

LAIS 477 Literature of the Spanish-Speaking Caribbean

Units: 1

Description

Study of texts representative of multiple ethnic and cultural influences (indigenous, European, and African) at play in the Caribbean basin.

Prerequisites

Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 483 The Art of Embodiment: Space and Body in Colonial Spanish America

Units: 1

Description

Provides a framework for the articulation of colonial theories of space, body, and materiality through the analysis of a variety of textual and artistic traditions coming from both sides of the ocean. Themes include: indigenous and European cosmographies and cartographies, the intersection of race, gender, and sexuality in the making of white supremacy fantasies, the debate on the linguistic legitimacy of indigenous pictographic languages versus European alphabetic languages, and the sacred/profane nature of objects in indigenous (idolatrous) religious practices.

Prerequisites

Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 486 U.S. Latino/a Literature

Units: 1

Description

Comprehensive study of Hispanic-Americans' struggle for identity in light of their historical, ethnic, economic, and cultural positions in the United States.

Prerequisites

Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 487 Latin America: Encounter and Conflict

Units: 1

Description

Thematic study of representative Spanish-American texts, focusing on the search for identity and confrontation occurring between different societies, systems of thought, and cultures.

Prerequisites

Latin American, Latino and Iberian Studies 321, 331, or 332.

LAIS 495 Independent Study

Units: .25-1

Description

Special research projects pursued individually under faculty supervision. Project proposal must be fully developed in conjunction with a faculty member prior to presentation for department approval.

Prerequisites

Permission of department.

LAIS 496 Senior Symposium

Units: .5

Description

Presentation at the Latin American, Latino and Iberian Studies Spring Symposium of research project carried out within the context of an LAIS seminar. Offered in spring semester only.

Prerequisites

Senior standing.

LAIS 497 Selected Topics

Units: 1

Description

Special interest topics offered at discretion of the department.

Prerequisites

Latin American, Latino and Iberian Studies 321, 331, or 332.

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## 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 major are among 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 courses are divided into eight areas: law, American history, economics, ethics, legal system, logical reasoning, public speaking and debate, and writing.

### The Law and the Liberal Arts Minor

Note: Students must receive a C (2.0) or above for these courses to count toward the minor. No course taken for less than half a unit will count towards the minor.

Six units, including:

One unit in Area 1

Five units from at least five of the remaining areas

No more than three of the courses to be applied toward the minor may be from any one department.

At least two courses must be at the 300-level or higher to count toward the minor. No more than two courses at the 100-level may count toward the minor.



Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted.

Area 1: Law

ECON 231 Law and Economics

PHIL 260 Philosophical Problems in Law and Society

PHIL 364 Philosophy of Law

PLSC 331 Constitutional Law

PLSC 333 Civil Rights and Civil Liberties

PLSC 352 International 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)

RHCS 353 Rhetoric and Law

Area 2: American History

HIST 199 The Tokyo Trials

HIST 199 Church and State in Early America

HIST 199 Liberty vs Security: Free Speech from Jefferson to Lincoln

HIST 200 Colonial America

HIST 218 State and Society in Modern America

HIST 299 ST: Transnational Abolitionism

HIST 391 Transnational Social Reform

HIST 400 Senior Seminar: The Alien and Sedition Acts

HIST 901 AP US History (counts as 100-level class)

Area 3: Economics

ECON 101 Principles of Microeconomics

ECON 102 Principles of Macroeconomics

ECON 105 Introduction to Global Economics

Area 4: Ethics

ECON 233 Ethics and Economics

LDST 210 Justice and Civil Society

LDST 377 Ethical Decision Making - Health Care

PHIL 120 Contemporary Moral Issues

PHIL 265 Bioethics

PHIL 269 Environmental Ethics

PHIL 360 Ethics

PHIL 365 Action, Responsibility, and Free Will

PHIL 375 Ethics and Practical Reasoning

RELG 267 Varieties of Christian Ethics

BUAD 392 Ethical, Social and Legal Responsibilities

Area 5: Legal System

ANTH 335 Law and Order: the Anthropology of Justice

CLSC 320 Cultural Property: Archaeology, Ethics, and Law

PLSC 337 Legal System

SOC 207 Crime and Justice in a Post-Modern Society

Area 6: Logical Reasoning

CMSC 150 Introduction to Computing

CMSC 155 Introduction to Scientific Computing

MATH 300 Fundamentals of Abstract Mathematics

PHIL 251 Elementary Symbolic Logic

Area 7: Public Speaking and Debate

RHCS 343 Rhetoric and Politics

PLSC 290 Mock Trial (.5 units)

Area 8: Writing

ENGL 383 Introduction to Composition Theory and Pedagogy

PHIL 353 Philosophical Methods: Majors'/Minors' Seminar

**Linguistics**

*Thomas Bonfiglio, Coordinator (Languages, Literatures, and Cultures)*

*Taylor Arnold (Mathematics and Computer Science)*

*David Giancaspro (Latin American, Latino, and Iberian Studies)*

*Dieter Gunkel (Classical Studies)*

*Elizabeth Kissling (Latin American, Latino, and Iberian Studies)*

*Matthew Londer (Psychology)*

*Jon Park (Mathematics and Computer Science)*

*Director of the Global Studio Michael Marsh-Soloway*

Linguistics at Richmond is an interdisciplinary minor that studies the system of language as a medium of cognition and perception as well as a social institution. Engaging in linguistic analysis enables students to view culture through the lens of language. Language can be studied at multiple levels: phonetics and phonology (sounds), morphology

(words), syntax (sentences), and semantics and pragmatics (meaning). Faculty at Richmond investigate each of these levels in courses that take different analytical perspectives: applied linguistics, computational linguistics, generative linguistics, historical linguistics, psycholinguistics, sociolinguistics, and theoretical linguistics. These courses address a variety of topics, including language change, language and cognition, and language and society (gender, class, race/ethnicity).

### The Linguistics Minor

Note: The grade point average of the coursework comprising the minor must be no less than 2.00.

Six units, including:

LING 203 Introductory Linguistics

Five units of elective chosen from the following:

ANTH 101 Introduction to Cultural Anthropology

ANTH 211 Field Methods in Ethnography

ANTH 290 Cultural Theory

ANTH 300 Sexuality and Gender Across Cultures

CLSC 201 Classical Elements in the English Language

CLSC 250 Introduction to Syntax

CLSC 252 Introduction to Indo-European Linguistics

CMSC 150 Introduction to Computing

CMSC 221 Data Structures with Lab

EDUC 324 Reading Foundations for Early Literacy Instruction

ENGL 381 Modern Grammar

ENGL 390 Literary Translation

FREN 415 Traduction

FYS 100 Language, Race, and Ethnicity

FYS 100 The Power and Prejudice of Language

FYS 100: Say What? Exploring 2nd Language Acquisition

LAIS 411 Bilingualism in US, Latin America, and Spain

LAIS 412 The Sounds of Spanish

LLC 198 Teaching English as a Second Language through Literature and Film

LLC 362 History of the Romance Languages

LLC 410 Teaching of a Modern Second Language

MATH 289 Introduction to Data Science

MATH 389 Statistical Learning

PHIL 251 Elementary Symbolic Logic

PSYC 333 Cognitive Science

PSYC 341 Cognitive Neuroscience

PSYC 343 Psycholinguistics with Lab

RHCS 103 Rhetorical Theory

RHCS 104 Interpreting Rhetorical Texts

Up to three units in a language other than English.

These cannot all be in the same language. You may apply one unit at the advanced (300 or 400) level, and this may be in addition to any of the courses listed above. You may also apply up to two units in a language other than the language of the advanced level course. These may be at any level.

Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted. Coursework in phonetics, syntax, morphology and other related topics taken during study abroad may fulfill some minor requirements. Study abroad in consultation with advisor is strongly encouraged.

### Courses

LING 203 Introductory Linguistics

Units: 1

Fulfills General Education Requirement FSSA

Description

General introduction to the study of language as a medium of cognition and perception and as a social institution. The course focuses on phonetics; word formation; historical linguistics; syntax; semantics; cultural assumptions coded in texts; variation based on region, gender, class, and race/ethnicity; how language determines cultural and social categories; and the relationship between language and thought.

Prerequisites

Completion of Communication Skills II-Language requirement

LING 390 Independent Study in Linguistics

Units: .25-1

Description

Topics independently pursued under supervision of faculty member.

### Luso-Brazilian Studies

*Dixon Abreu, Coordinator (Latin American, Latino and Iberian Studies)*

Portuguese is the official language of eight countries situated on four continents (including territories in India, China, and Japan), spanning several cultural thresholds that are essential to any interdisciplinary curriculum in international studies. Portuguese, furthermore, is the first language of one of the largest immigrant populations in the United States. From the politics of the European and African Unions, to the economic blossoming of Asia and Brazil, the study of Portuguese language and cultures can be highly advantageous for students preparing to work in a broad range of professional contexts in the twenty-first century.

### The Luso-Brazilian Studies Minor

Note: Students must receive a C (2.0) or above for these courses to count toward the minor. No course taken for less than .5 units will count towards the minor.

Five to six units, including:

LAIS 349 Portuguese for Romance Language Speakers or another comparable intermediate/advanced course in Portuguese language. The requirement in Portuguese language can be fulfilled in one of the following ways:

1. LAIS 349 Portuguese for Romance Language Speakers
2. Exemption through a placement test that measures oral, writing, reading, and comprehension skills. Exempted students must still take a total of 5-5.75 units to complete the minor; thus, they may substitute LAIS 349 with an elective
3. Completion of Portuguese language coursework at one of our partner institutions abroad (PUC Rio, SIT, CIEE Brazil, or CIEE Portugal).

LAIS 314 Luso-Brazilian Studies: A Global Perspective with optional C-LAC component in Portuguese language  
Three interdisciplinary electives

Students fulfilling their electives on campus will choose from course offerings within the specific field of Luso-Brazilian Studies or from a myriad of related academic disciplines. Students are required to seek approval for each elective in consultation with the program director. As a general rule, advanced courses in related disciplines may be taken for credit within the Luso-Brazilian Studies minor as long as the student seeks prior approval and fulfills a corresponding C-LAC (Cultures and Languages Across the Curriculum) component in Portuguese language or culture (worth 0.25 units). In fulfilling each C-LAC component, a student will complete a project focusing on a Lusophone topic that intersects with the scope of the course. (For example, a student enrolled in PLSC 348 Politics of Africa could complete a project on the economic, migratory, and military relations between the Lusophone country of Mozambique and South Africa). If a Luso-Brazilian Studies elective is taken abroad with Portuguese as the language of instruction, then the C-LAC requirement will be waived.

The following electives in Luso-Brazilian Studies are content specific and thus C-LAC is optional:

- DANC 218 Capoeira Angola
- GEOG 333 Geographies of Amazonia
- HIST 262 The Making of Modern Brazil

### Mathematical Economics

*Paul Kram, Mathematics Program Coordinator*  
*Sajf Mebkari, Economics Program Coordinator*

Graduates with strong analytical skills are highly valued in today's increasingly data-driven and interconnected business world. The Mathematical Economics major provides a course of study that allows students to not only acquire some of these highly valued analytical skills, but also integrates that knowledge with a deeper understanding of the business world. This combination of mathematics and economics knowledge makes Mathematical Economics graduates both highly competitive on the job market and excellent candidates for graduate school.

The Mathematical Economics major satisfies the requirements for the B.S. degree in the School of Arts & Sciences. It requires students to take 12 core units followed by four elective courses. The core courses serve to build a strong basic foundation in both economics and mathematics. The elective courses then allow the student to tailor their major to their post-graduation goals. To provide further breadth to their education Math-Econ majors may also declare additional majors (including in the Business School) as long as these additional majors are not Economics or Mathematics.

Recent Math-Econ graduates have chosen electives sequences towards post-graduation paths that include jobs in finance, economics, actuarial sciences, consulting, and management, and graduate school in economics, statistics, strategy, and business. Advisors and coordinators in the major work closely with students to choose electives consistent with the students' short and long-term goals. The program coordinators additionally work with other departments to help Math-Econ majors take non-major courses that complement their studies towards post-graduation goals in fields such as finance, consulting, and actuarial sciences.

### The Mathematical Economics Major

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.

16 units, including:

CMSC 150 Introduction to Computing or CMSC 155  
Introduction to Scientific Computing

ECON 101 Principles of Microeconomics

ECON 102 Principles of Macroeconomics

ECON 270 Introductory Econometrics

ECON 271 Microeconomic Theory

ECON 272 Macroeconomic Theory

ECON 341 Mathematical Economics

MATH 211 Calculus I

MATH 212 Calculus II

MATH 235 Multivariable Calculus

MATH 245 Linear Algebra

MATH 329 Probability

Two units of mathematics electives at the 300 level

Two units of economics electives at the 300 level

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

Mathematical economics majors may not select mathematics or economics as an additional major or minor.

### Honors Program

In order to be eligible, students must have met the following qualifications:

- Completion of at least 18 units of coursework, not including courses in which the student is currently enrolled
- Overall GPA of 3.3 or higher
- Completion of at least four units within the major, excluding courses primarily for first-year students (MATH 211, MATH 212, MATH 232; ECON 101, ECON 102), with a cumulative GPA in all such courses of at least 3.3

The student will select a willing faculty member to serve as lead advisor for the project. Together they find a second faculty member to serve as consultant. One faculty member should be from economics and one from mathematics.

The student and lead advisor will plan the student's honors program. The student and advisor will plan four units of coursework in support of the honors topic. Two of these units will be MATH 340 Directed Independent Study or ECON 490-ECON 491 Honors Seminar/Research, depending on the department of the lead advisor. These courses are used to prepare the honors thesis. The remaining two units will be selected from the regular curriculum with an additional honors component; one unit will be from upper-level economics and one unit from upper-level mathematics. These courses will be chosen with an eye towards maximizing the student's ability to produce a quality honors thesis.

A completed honors thesis will be read and approved by a committee of at least three readers, including the lead and consulting advisors, and will be presented to the faculty in both departments.

## Math

### Department of Mathematics and Computer Science

*Kathy Hoke, Chair*

*Professors Charlesworth, Davis, Dumbaugh, K. Hoke, Kvam, Lawson, Nall, Ross*

*Associate Professors Barnett, Caudill, Kerkechore, Shaw, Szajda, Wares*

*Assistant Professors Arnold, Bhakta, Denny, Krebbiel, LeCrone, Russell*

*Director of Introductory Mathematics H. Hoke*

### The Math Major

Note: The grade point average of the coursework comprising the major 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 curriculum.

For either the Bachelor of Arts or Bachelor of Science degree:

MATH 211 Calculus I

MATH 212 or MATH 232 Calculus II

MATH 235 Multivariate Calculus

MATH 245 Linear Algebra

MATH 300 Fundamentals of Abstract Mathematics

MATH 306 Abstract Algebra I

MATH 320 Real Analysis I

CMSC 150 or CMSC 155 Introduction to Computing

Four electives in math at the 300-level

And for the Bachelor of Science degree:

Four other units in computer science with at least two at the 300 level, or two units beyond the introductory level in one of the following fields: physics (200 level or above), chemistry (200 level or above), or biology (numbered higher than 205).

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

Notes:

Students are strongly advised to complete either MATH 306 or MATH 320 prior to the senior year.

Any MATH and CMSC double-major, or MATH major with CMSC minor, having earned at least an A- in MATH 300 may exempt from CMSC 222 but is required to complete an additional CMSC 300-level elective to complete the CMSC major or minor.

### The Math Minor

Note: The grade point average of the coursework comprising 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 minor curriculum.

Six units, including:

MATH 211 Calculus I

MATH 212 or MATH 232 Calculus II

MATH 235 Multivariate Calculus

MATH 245 Linear Algebra

Two units at the 300 level

### Actuarial Sciences

Students interested in becoming an actuary should consider either majoring in mathematics or mathematical economics. Either of these options will provide the necessary education that can lead to successful entry into the field. A strong background in mathematics is essential for students interested in a career as an actuary. This should include

Three semesters of calculus (MATH 211, MATH 212, and MATH 235),

One semester of linear algebra (MATH 245), and

Two semesters of calculus-based probability and statistics (MATH 329 and MATH 330).

In addition, courses in applied statistics, computer science, economics, and finance are also extremely valuable.

The best way to ensure that you are attractive from an employment perspective is to pass the beginning actuarial examinations while you are still a student. Actuaries achieve professional status by passing a set of examinations and by satisfying certain educational experiences that are prescribed by the CAS and the SOA. The concepts contained in these assessments can be based on college courses (a B- or better is required), or an exam can be taken. For more information about preparing to be an actuary, contact Dr. Kathy Hoke in the Department of Mathematics and Computer Science.

### Related Fields

Mathematical Economics

### Pre-calculus

The Math and Computer Science Department at University of Richmond does not offer Pre-calculus. Students needing this course as a pre-requisite to other courses will need to complete it in high school or make their own arrangements to complete it later. The course is not eligible for transfer and will not count toward a B.A., B.S., or B.S.B.A. degree at the University of Richmond.

### Honors Program in Mathematics

Promising, qualified math majors are invited by the faculty to apply to the honors program in mathematics. Successful completion of the program is designated on the student's academic record and diploma.

To qualify, students must have:

- completed 19 or more units of University work;
- earned a cumulative grade point average of at least 3.0;
- completed 3.5 or more units in mathematics courses at the level of MATH 235 or higher;
- submitted a recommendation letter from a member of the mathematics faculty;
- submitted an application to the program, working in conjunction with a faculty member to describe a topic and develop a plan for completing the thesis.

To earn honors in mathematics, students must have successfully completed:

- two 300-level courses taken for honors credit;
- one year (2 units) of directed independent study, wherein the student works with one or more faculty members on a selected project;
- the presentation of an honors paper to the mathematics faculty as a culmination of the independent study (the paper must be accepted by the departmental committee.)

### Courses

MATH 102 Problem Solving Using Finite Mathematics

Units: 1

Fulfills General Education Requirement (FSSR)

Description

Topics to demonstrate power of mathematical reasoning.

Course has two components: (1) introduction to the fundamentals of mathematical proof, and (2) the application of these fundamentals to at least one particular area of mathematics. The area is dependent on the instructor. MATH 102 is not open to MATH, CMSC, MTEC, BUAD, or ACCT majors.

MATH 190 Integrated Science/Math/Computer Science 2 with Laboratory

Units: 1

Fulfills General Education Requirement (FSSR)

Description

One of two courses taught fall semester as part of Integrated Quantitative Science program. Each semester of the course will be organized around a guiding principle that integrates several concepts. Along with co-requisite, will include ten hours for lecture and lab combination.

Prerequisites

High school calculus. Co-requisite: BIOL 190. Co-requisite: CMSC 190. Acceptance to Intergrated Quantitative Science course required.

MATH 195 Special Topics

Units: .25-1

Description

Special topics satisfying neither major nor minor requirements.

MATH 209 Introduction to Statistical Modeling

Units: 1

Description



Topics will include exploratory data analysis, correlation, linear and multiple regression, design of experiments, basic probability, the normal distribution, sampling distributions, estimation, hypothesis testing and randomization approach to inference. Exploratory graphical statistics, model building and model checking techniques will be emphasized with extensive use of statistical software for data analysis.

Prerequisites  
Pre-calculus.

MATH 211 Calculus I

Units: 1

Fulfills General Education Requirement (FSSR)

Description

Limits, continuity, derivatives, and integrals. Derivatives of trigonometric, exponential, logarithmic, and inverse trigonometric functions; the derivative as a rate-of-change; linear approximations; Fundamental Theorem of Calculus; applications to the sciences, social sciences, and economics.

Prerequisites

High school precalculus.

MATH 212 Calculus II

Units: 1

Fulfills General Education Requirement (FSSR)

Description

Techniques of integration; applications of integration; improper integrals; Taylor's Theorem and applications; infinite series; differential equations; applications to the sciences, social sciences, and economics.

MATH 232 Scientific Calculus II

Units: 1

Fulfills General Education Requirement (FSSR)

Description

Same topics as MATH 212, but with examples and applications drawn from the physical sciences, biology, and medicine.

Prerequisites

MATH 190 or MATH 211.

MATH 235 Multivariate Calculus

Units: 1

Fulfills General Education Requirement (FSSR)

Description

N-dimensional Euclidean space, functions of several variables, partial derivatives, multiple integrals, line and surface integrals, classical integral theorems, applications.

Prerequisites

MATH 212 or 232.

MATH 245 Linear Algebra

Units: 1

Description

Vector spaces, matrices, systems of linear equations, linear transformations, applications.

Prerequisites

MATH 212 or 232 or CMSC 222.

MATH 288 Mathematics Apprenticeship

Units: .25-.5

Description

Participation in practical application of mathematics skills, such as statistics, data science, or mathematical modeling,

with supervision of mathematics or statistics faculty. Does not count for mathematics major or minor or for mathematical economics major. No more than a total of 1.5 units of MATH 288 may count toward the total number of units required for a degree.

MATH 289 Introduction to Data Science

Units: 1

Description

Multiple linear regression, logistic regression, ANOVA and other modeling based topics. Exploratory graphical methods, model selection and model checking techniques will be emphasized with extensive use a statistical programming language (R) for data analysis. This course is intended for students who have taken a basic statistics course such as Math 209 or have scored 4 or higher on AP Statistics exam. Knowledge of simple probability rules and probability distributions is required. Does not fulfill major requirements for math or computer science.

Prerequisites

MATH 211

MATH 300 Fundamentals of Abstract Mathematics

Units: 1

Description

Logic, quantifiers, negations of statements with quantifiers, set theory, induction, counting principles, relations and functions, cardinality. Includes introductory topics from real analysis and abstract algebra. Emphasis on methods of proof and proper mathematical expression.

Prerequisites

MATH 212 or 232.

MATH 304 Mathematical Models in Biology and Medicine

Units: 1

Description

Mathematical models in modern biological and medical applications. Primary focus on practical understanding of the modeling process, and development of requisite modeling skills. Topics include discrete and continuous dynamical systems, including parameter estimation.

Prerequisites

MATH 235, 245 or 300.

MATH 306 Abstract Algebra I

Units: 1

Description

An introduction to the theory of groups. Topics include subgroups, cyclic groups, permutation groups, homomorphisms, isomorphisms, cosets, Lagrange's Theorem, normal subgroups, and the Fundamental Theorem of Finite Abelian Groups.

Prerequisites

MATH 245 and MATH 300.

MATH 307 Abstract Algebra II

Units: 1

Description

An introduction to the theory of rings and fields. Topics include rings, integral domains, ideals, factor rings, polynomial rings, ring homomorphisms, fields, and extension fields.

Prerequisites

MATH 306.

MATH 309 Financial Mathematics: The Theory of Interest and Investment

Units: 1

Description

Develops a practical understanding of financial mathematics and interest theory in both discrete and continuous time. This theory includes the fundamentals of how annuity functions are applied to the concepts of present and accumulated value for various cash flow streams and how this is used for future planning in valuation, pricing, duration, immunization, and investment. Topics include: rates of interest and discount, the force of interest, level and varying annuities, evaluation of financial instruments (e.g. bonds, stocks, leveraged strategies), measures of interest rate sensitivity, and the term structure of interest rates.

Prerequisites

MATH 235 or 245 or 300.

MATH 310 Advanced Multivariable Calculus

Units: 1

Description

Differentiation of vector-valued functions, Jacobians, integration theorems in several variables. Fourier series, partial differential equations.

Prerequisites

MATH 235.

MATH 312 Differential Equations

Units: 1

Description

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. Application and modeling of real phenomena included throughout.

Prerequisites

MATH 212 or MATH 232 and MATH 245.

MATH 315 Modern Geometry

Units: 1

Description

Geometry of surfaces in 3-dimensional space. Arc length, Frenet frame, parallel translation and geodesics. Gaussian curvature, constant curvature surfaces, Gauss-Bonnet theorem. Topological classification of compact surfaces.

Prerequisites

MATH 235 or 245.

MATH 319 Game Theory

Units: 1

Description

Mathematical introduction to game theory. Foundational material on rationality and the expected utility theorem; problems for single decision-makers who maximize utility in uncertain circumstances; classical two-person matrix games and Nash equilibria; dynamic games, behavioral strategies, and repeated games; population games and evolutionarily stable strategies in biology; evolutionary dynamics.

Prerequisites

MATH 245.

MATH 320 Real Analysis I

Units: 1

Description

Topological properties of the real line and Euclidean space. Convergence, continuity, differentiation, integration properties of real-valued functions of real variables.

Prerequisites

MATH 235 and 300.

MATH 321 Real Analysis II

Units: 1

Description

Borel sets, measure theory, measurable functions, Lebesgue integration, sequence and series of measurable functions, Lebesgue dominated convergence theorem.

Prerequisites

MATH 320.

MATH 323 Discrete Mathematical Models

Units: 1

Description

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.

Prerequisites

MATH 245.

MATH 328 Numerical Analysis

Units: 1

Description

Analysis and implementation of algorithms used in applied mathematics, including root finding, interpolation, approximation of functions, integration, solutions to systems of linear equations. Computer error. (Same as Computer Science 328.)

Prerequisites

MATH 245 and either CMSC 150 or CMSC 155 or MATH 190.

MATH 329 Probability

Units: 1

Description

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

MATH 235 and MATH 245, which can be taken concurrently.

MATH 330 Mathematical Statistics

Units: 1

Description

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.

Prerequisites  
MATH 329.

MATH 331 Complex Analysis

Units: 1

Description

Introduction to the calculus of functions of a single complex variable, including series, calculus of residues, and conformal mapping.

Prerequisites

MATH 235 OR PHYS 301.

MATH 336 Operations Research

Units: 1

Description

Linear and Integer Programming: algorithms, complexity, sensitivity, and duality. Applications such as assignments, networks, scheduling.

Prerequisites

MATH 245 and either MATH 300 or CMSC 222, which can be taken concurrently.

MATH 340 Directed Independent Study

Units: .25-1

Description

For well-qualified students who wish to work independently in areas not included in curriculum. Proposal must be approved by departmental committee.

Prerequisites

Permission of department chair and instructor.

MATH 350 Coding Theory and Cryptography: The Mathematics of Communication

Units: 1

Description

Error-correcting codes are used to ensure reliable electronic communication in everything from Blue Ray players to deep-space transmission. Cryptographic systems are developed to keep communication secret in everything from e-commerce to military communication. This course develops the mathematics underlying the transmission of messages. In coding theory, we will develop theoretical constraints on codes, construction methods for good codes, and algorithms for encoding and decoding efficiently. In cryptography, we will explore historically important systems as well as modern public-key cryptosystems.

Prerequisites

MATH 245 and either MATH 300 or CMSC 222 or permission of instructor.

MATH 388 Individual Internship

Units: .25-1

Description

No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of department chair.

MATH 389 Statistical Learning

Units: 1

Description

Computational statistics and statistical algorithms for building predictive models from large data sets. Topics include model complexity, hyper-parameter tuning, over- and under-fitting, and the evaluation of predictive performance. Models covered include linear regression, penalized regression, additive models, gradient-boosted trees, and neural networks. Applications are drawn from many areas, with a particular focus on processing unstructured text and image corpora.

Prerequisites

CMSC 221 or MATH 245 or MATH 289.

MATH 395 Special Topics

Units: 1

Description

Selected topics in mathematics.

Prerequisites

Varies with topic.

MATH 396 Selected Topics in Mathematics

Units: 1

Description

Selected topics in mathematics for mathematical economics.

MATH 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

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## Medieval and Renaissance Studies

### 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, 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.

Seven units, including:

ENGL 308 / IDST 390 Interdisciplinary Studies in the Middle Ages and Renaissance

One 300- or 400-level course in Medieval literature and one 300- or 400-level course in Renaissance literature, chosen from:

ENGL 301 Literature of the Middle Ages

ENGL 302 Literature of the English Renaissance

ENGL 304 Shakespeare

ENGL 309 Desire and Identity in the Renaissance: The Lyric Tradition

ENGL 330 Selected Topics in Literature Before the Early to Mid-19th Century

ENGL 400 Junior/Senior Seminar (depending on topic)

Three units from at least two different departments outside of English, chosen from below. Special topics courses in medieval and renaissance may be substituted with prior approval from the departmental coordinator.

ARTH 211 Medieval Byzantine Art 600-1453

ARTH 309 Image and Icon in Medieval Art

ARTH 310 Late Antiquity and Early Christian Art

ARTH 312 Medieval Art in Western Europe 8th-15th Centuries

ARTH 314 Northern Renaissance Art

ARTH 315 Art of the Italian Renaissance

ARTH 316 Art in the Age of Reform

CLSC 306 The Classical Tradition

FREN 325 Medieval and Early Modern Society

FREN 411 The French Middle Ages

FREN 421 Renaissance

HIST 225 Medieval Italy

HIST 227 High Middle Ages

HIST 230 The Renaissance

HIST 233 Reformation Europe

ITAL 423 Le Tre Corone: Dante, Petrarca and Boccaccio

LAIS 421 Christians, Jews and Muslims from Frontier to Empire: Medieval Spain

LAIS 431 Imperial Spain: The Age of Conflict

LAIS 432 True Lies: Fiction and Truth in Don Quijote

LLC 357 The Idea of the Renaissance: Self, History and Knowledge

LLC 358 Desire and Identity in the Renaissance: Self, History and Knowledge

PLSC 311 Classical Political Thought

RELG 258 Religion & the Medieval Imagination

RELG 273 Witchcraft and Its Interpreters

RELG 356 Religious Thought of the Renaissance and Reformation

A final critical paper examining one or more works relevant to the major shall be completed in the junior or senior year preferably as the final project in ENGL 308/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):

ARTH 121 Survey I: Prehistory through the Middle Ages

ARTH 122 Survey II: Renaissance to the Present

CLSC 301 Greek Art and Archeology

CLSC 302 Roman Art and Archeology

ENGL 234 Shakespeare

FREN 431 Le Siècle Classique

GREK 301 Greek Epic

GREK 302 Greek Drama

HIST 223 The Roman Empire

PHIL 362 Philosophy of Religion

RELG 241 Introduction to Early Christian Era

RELG 243 The World of the New Testament

RELG 341 Paul and Christian Origins

RELG 342 Whores, Dragons, and the Anti-Christ: Revelation and the Apocalyptic Imagination

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### Military Science and Leadership

*Cecil D. Stinnie, Lieutenant Colonel, U. S. Army, Chair  
Assistant Professor: Chance Carrick, Captain, U.S. Army*

The objective of the Military Science and Leadership Program--Army Reserve Officer Training Program (ROTC)--is to provide the leadership and management foundation

required for military service as a commissioned officer. In support of this objective, the program includes in and out of classroom instruction, and activities geared to the development of leadership skills.

Lower level Military Science and Leadership classes may be taken by all University students. Class enrollment in the lower-level military leadership classes carries no U.S. Army commitment and there is no obligation to enroll for successive course offerings. Commissioning credit may be awarded for prior military service and attendance at Basic Camp (see MSCL 204). International students desiring to attend military science and leadership classes must have written approval from their respective embassies and the Professor of Military Science prior to taking classes.

### Courses

#### MSCL 101 Introduction to the Army

Units: .5

##### Description

Introduction to the personal challenges and competencies that are critical for effective leadership and communication. Learn how the personal development of life skills such as cultural understanding, goal setting, time management, stress management, and comprehensive fitness related to leadership, officership, and the Army profession. Further acquaintance with this course allows additional learning about the structure of the ROTC Basic Course program consisting of MSCL 101, 102, 201, 202, fall and spring leadership labs, and Basic Camp. Focus on developing basic knowledge and comprehension of Army leadership dimensions, attributes and core leader competencies while gaining an understanding of the ROTC program, its purpose in the Army and its advantages for the student.

##### Prerequisites

First- or second-year class standing or permission of department chair.

#### MSCL 102 Foundations of Agile and Adaptive Leadership

Units: .5

##### Description

Introduction to the professional challenges and competencies that are needed for effective execution of the profession of arms and Army communication. Emphasis on the personal development of life skills such as critical thinking, time management, goal setting, and communication. Cadets learn the basics of the communications process and the importance of developing the essential skills to effectively communicate in the Army. Cadets will begin learning the basics of squad level tactics that will be reinforced during a weekly leadership lab facilitated by MS IV Cadets (fourth-year, seniors) and supervised by cadre.

##### Prerequisites

First- or second-year class standing or permission of department chair.

#### MSCL 201 Leadership and Decision Making

Units: .5

##### Description

Introduces cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, time management, goal setting, stress

management, and comprehensive fitness relate to leadership, and the Army profession. The focus is on developing basic knowledge and comprehension of Army leadership dimensions while gaining understanding of the big picture of the Reserve Officers' Training Corps (ROTC) program, its purpose in the Army, and its advantages for the student.

##### Prerequisites

Military Science and Leadership 101 and 102 or permission of department chair.

#### MSCL 202 Army Doctrine and Team Development

Units: .5

##### Description

Focuses on Army doctrine and team development. The course begins the journey to understanding and demonstration of competencies as they relate to Army doctrine, Army values, teamwork, and "warrior ethos." Their relationship to the law of land warfare, and philosophy of military service is stressed. The ability to lead and follow is also covered through team building exercises at squad level. Students are required to apply their knowledge outside the classroom in a hands-on performance-oriented environment during a weekly lab facilitated by MS IV cadets and supervised by cadre.

##### Prerequisites

Military Science and Leadership 201 or permission of department chair.

#### MSCL 204 Basic Leader's Training Course

Units: 1

##### Description

An intensive 31-day training experience located at Fort Knox, KY for college students unable to meet the basic course requirements (MSCL 100- and 200-level courses) on campus. Basic Camp is the Army's two-year ROTC Program entry point. Through Basic Camp, students without ROTC experience can qualify for Advanced Course (MSCL 300- and 400-level course) entry. The Army observes these students and determines their officer potential in a leadership-oriented, challenging, and motivating 31-day training program. The camp philosophy is based on an action-oriented training plan. Emphasis is hands-on outdoor training, with rapid, constructive feedback to the Cadet. Above all else, Basic Camp is a leadership experience. The training program is designed to inspire students to become outstanding leaders with a sound understanding of traditional leadership values. At Basic Camp, students are trained to lead and develop their officer leadership potential.

##### Prerequisites

Enrollment in the ROTC program.

#### MSCL 301 Training Management and the War Fighting

##### Functions

Units: 1

##### Description

Cadets focus on training management and the warfighting functions. In these academically challenging courses you will study, practice, and apply the fundamentals of Training Management and how the Army operates through the Warfighting functions. At the conclusion of this course, you will be capable of planning, preparing, and executing training for a squad conducting small unit tactics. Includes a lab once per week using peer facilitation overseen by MS IVs, supervised by ROTC Cadre. This course prepares the cadet



for the demands of the mandatory 32-day ROTC Advanced Camp at Fort Knox, Kentucky.

**Prerequisites**

Military Science and Leadership 202, 204, or permission of department chair.

**MSCL 302 Applied Leadership in Small Unit Operations**

Units: 1

**Description**

Course focuses on applied leadership in small unit operations. It is an academically challenging course where you will study, practice, and apply the fundamentals of direct level leadership and small unit tactics at the platoon level. At the conclusion of this course, you will be capable of planning, coordinating, navigating, motivating and leading a platoon in the execution of a mission. Includes a lab per week using peer facilitation overseen by MS IVs, supervised by ROTC Cadre. Successful completion of this course will help prepare you for the Cadet Summer Training Advance Camp, which you will attend in the summer at Fort Knox, KY.

**Prerequisites**

Military Science and Leadership 301 or permission of department chair.

**MSCL 390 Independent Study**

Units: 1 or .5

**Description**

Instruction, case studies, and book analysis that build upon leadership competencies and military skills attained in earlier Military Science and Leadership courses. Online instruction and assignments mirror the syllabus for a student's normal pre-commissioning course progression. This course is available for sophomores, fall semester juniors, and senior cadets.

**Prerequisites**

Two semesters of military science and permission of department chair.

**MSCL 401 The Army Officer**

Units: 1

**Description**

Course focuses on development of the Army Officer. It is an academically challenging course in which cadets will develop knowledge and skills, and the ability to plan, resource, and assess training at the small unit level. You will also learn about Army programs that support counseling subordinates and evaluating performance, values and ethics, career planning, and legal responsibilities. At the conclusion of this course, cadets will be familiar with how to plan, prepare, execute, and continuously assess the conduct of training at the company or field grade officer level.

**Prerequisites**

Military Science and Leadership 302 or permission of department chair.

**MSCL 402 Company Grade Leadership**

Units: 1

**Description**

Explores the dynamics of leading in the complex situations during Unified Land Operations. Examines the Art of Command and how to properly communicate with Non-commissioned Officers (NCOs) and soldiers. Cultural Awareness and Property Protection discusses numerous situations on how ethical decisions impact personnel and the

unit mission. Through understanding of roles and responsibilities, cadets learn about how Comprehensive Soldier Fitness (CSF), Being Ready and Resilient (R2C), and Individual and Family Readiness can assist in preparing soldiers and their families for reducing and managing stress during times of uncertainty. Places significant emphasis on preparing for Basic Officer Leader Course-B (BOLC-C) and first unit of assignment. Uses mission command case studies and scenarios in preparation for facing the complex ethical demands of serving as a commissioned officer in the United States Army. Includes identification of leader roles and responsibilities for enforcing Army policies and programs. Exploration of the dynamics of building a team prepared to handle any future operational environment and win. Examines the importance of understanding culture and how it can affect your unit and mission. Develops both oral and written communication skills by conducting a battle analysis and decision briefs.

**Prerequisites**

Military Science and Leadership 401 or permission of department chair.

**Music**

*Jeffrey Riehl, Chair*

*Professors Broening, Cable, Davison*

*Associate Professors Becker, Fillerup, Love, McGraw, Riehl*

*Ensemble-in-Residence eighth blackbird*

*Director of Accompaniment Kong*

*Director of the Modlin Center for the Arts Sommers*

*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.*

Information for prospective majors: All prospective music majors must audition on voice or their primary instrument before beginning private lessons and pass a full-faculty 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.

11.5 units, including:

General Core, 2.5 units:

MUS 095 Repertoire/Colloquium Class (0 units)

MUS 401 Senior Thesis/Project (.5 units)

MSAP minimum of two semesters study on same instrument (1 unit)

MSEN minimum of two semesters in the same ensemble selected from (1 unit):

- MSEN 190 Womens' Chorale
- MSEN 191 University Orchestra

- MSEN 192 Jazz Ensemble
- MSEN 193 University Band
- MSEN 196 Schola Cantorum
- MSEN 201 Chamber Music

Theory/Composition Core, three units:

MUS 110 Tonal Harmony I: Common Practice Period

MUS 211 Tonal Harmony II: Chromaticism

MUS 306 Introduction to Composition

Musicology Core, three units:

MUS 226 Music and Media in Popular Culture

MUS 228 Historical Musicology

MUS 229 Cultural Musicology

Focus Series, three units

A) three 200-level or higher music electives in student's Focus Area

OR

B) two 200-level or higher music electives in student's Focus Area AND one approved non-music course related to the student's area of concentration

Musicology Focus--the following courses satisfy this area: MUS 201, MUS 202, MUS 204, MUS 208, MUS 217, MUS 234, MUS 235

Performance Focus--the following courses satisfy this area: MUS 205, MUS 206, MUS 207, MUS 216, MUS 231, MUS 255, MUS 304, MUS 350. Performance concentrators may count one additional unit (two semesters) of 200-level MSAP in the same instrument toward the Focus Series requirement beyond the applied units required for the major, and will present a solo recital as their MUS 401 project.

Music Theory/Composition Focus--the following courses satisfy this area: MUS 212, MUS 213, MUS 214, MUS 307, MUS 309, MUS 311, MUS 313

### The Music Minor

Note: A grade of C- (1.7) or better is required in each course comprising the major or minor.

5.5 units, including

General Core, 1.5 units:

MUS 095 Repertoire/Colloquium Class minimum of two semesters (0 units)

MSAP minimum of two semesters study on same

instrument (1 unit)

MSEN minimum of one semester selected from (0.5 unit):

- MSEN 190 Womens' Chorale
- MSEN 191 University Orchestra
- MSEN 192 Jazz Ensemble
- MSEN 193 University Band
- MSEN 196 Schola Cantorum
- MSEN 201 Chamber Music

Theory/Composition, two units:

MUS 110 Tonal Harmony I: Common Practice Period

MUS 211 Tonal Harmony II: Chromaticism

Musicology Core, one unit, chosen from:

MUS 226 Music and Media in Popular Culture

MUS 228 Historical Musicology

MUS 229 Cultural Musicology

Elective: One unit selected from any 200-level or above MUS course that has not been used to fulfill a Core requirement.

### Honors Program

The music honors program recognizes the most distinguished majors, who complete an advanced course of study, culminating in an honors thesis. Successful applicants will be assigned an advisor to guide their work and monitor their progress.

Students should declare their intention to seek honors and meet with the honors coordinator in their sophomore year.

Students must have completed 18 or more units of course work and at least four or more units in music (excluding prerequisites) with an overall grade point of at least 3.3 or above. Honors candidates must be recommended by at least one full-time member of the Department of Music.

Application for departmental honors must include:

- (1) a one-page letter from the student describing how the program requirements will be met,
- (2) a letter of recommendation from a full-time faculty member of the music department,
- (3) the student's transcript, and
- (4) a writing sample consisting of a paper written in a music course.

Applications must be submitted to the department chair by November 1 (March 1 for the spring term applicant) of the junior year, approved by the music faculty and submitted to the arts and sciences honors committee by November 15 (March 15 for the spring term applicant).

To earn departmental honors, students must complete 3.5 units of honors course work, including MUS 400, MUS 401 / MUS 402, and two honors independent study courses or two standard elective courses with special work above and beyond the norm.

Units earned from MUS 400, MUS 401, and MUS 402 are in addition to the 12 units required for the music major. Honors students are to maintain a grade point average of at least 3.3 while participating in the program.

### **Related Concentrations**

Interdisciplinary concentration in arts management for visual and media arts practice, art history, music, theatre, and dance majors or minors

### **Curriculum**

The following courses may be used to satisfy each Focus Area:

#### **Musicology**

MUS 201 Documents of Music History

MUS 202 Global Repertoires

MUS 204 Choral Music and Creed

MUS 208 Global Pop

MUS 217 Soundscapes

MUS 226 Music and Media in Popular Culture

MUS 228 Historical Musicology

MUS 229 Cultural Musicology

MUS 234 Women in Opera

MUS 235 I Want My MTV: Music Video and the Transformation of the Music Industry

#### **Performance**

MUS 204 Music Entrepreneurship

MUS 205 Diction for Singers

MUS 206 Selected Topics in Vocal Performance

MUS 207 Musical Theatre and Opera Scene Workshop

MUS 231 Conducting Fundamentals

MUS 255 Historical Performance Practice

#### **Compositon/Theory**

MUS 213 Recording/Transforming/Organizing Sound

MUS 214 Jazz Arranging

MUS 307 Composition Lessons

MUS 309 Orchestration

MUS 311 Form and Analysis

MUS 313 Advance Computer Music

MUS 413 Special Topics in Computer Music

### **Courses**

MUS 095 Repertoire/Colloquium Class

Units: 0

Description

Attendance at weekly repertoire/colloquium class and selected performances, lectures or presentations. Enrollees taking private lessons must perform in class at least once during the semester. May be repeated. Graded Satisfactory/Unsatisfactory.

Prerequisites

Music major or minor.

MUS 100 Make/Listen/Play: Introduction to Music Studies

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Make-Listen-Play introduces students to music through the study of musical processes in the fields of performance, theory, composition, and musicology. After mastering essential skills in each of these areas, students will write, stage, and critique a collaborative musical project. It is strongly recommended that students enrolled in the course have the ability to read musical notation (staff music); this skill will be assumed and will not be taught in the course.

MUS 101 Listening to Music: An Introduction to the Western Classical Tradition

Units: 1

Description

Refines listening skills through study of selected major composers, styles, and genres of the Western classical tradition. Explores music from the Baroque, Classical, Romantic, and Modern eras, including works by Bach, Mozart, Beethoven, Mahler, Stravinsky, and many others. Genres to be covered include the symphony, string quartet, sonata, opera, song, and choral music. Attendance at selected concerts on campus is required.

MUS 107 Music Fundamentals

Units: 1

Fulfills General Education Requirement (FSVP)

Description

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.

MUS 109 Elementary Musicianship

Units: .5

Description

Proficiency-based study of sight singing, ear training, rhythm reading, and other essential musicianship skills for majors,

minors, and advanced non majors. A prerequisite for all theory study. May be satisfied by examination.

MUS 110 Tonal Harmony I: Common Practice Period

Units: 1

Fulfills General Education Requirement (FSVP)

Description

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 109 and permission of instructor.

MUS 111 Analysis and Composition of Popular Music

Units: 1

Description

Critical exploration of popular music, focusing on a hands on approach--"learning by doing." Listening critically/analytically to a vast popular repertory, doing composition exercises based on strategies and tools discussed, and writing analytical essays.

Prerequisites

Music 107 or 109.

MUS 112 Recording Techniques

Units: 1

Description

Introduction to the technical foundations of audio engineering and recording designed to give students a set of skills needed to record, mix, and master musical projects using microphones, pre-amps, mixers, and digital audio workstations.

MUS 114 Popular Music of the 1970s and 1980s

Units: 1

Fulfills General Education Requirement FSVP

Description

Discusses the historical developments in popular music of the 70s and 80s, and the musics' cultural and social impact and overarching discourses. Through a series of papers, students will investigate how the music of these eras influenced and was influenced by the politics and issues of the day. Students will argue for how these issues affected musical styles and presentations. Students will be able to identify at least some of the ways the musics of the 70s and 80s have impacted the music and bands that came after it.

MUS 115 The Jazz Tradition

Units: 1

Fulfills General Education Requirement (FSVP)

Description

For general student. Survey of cultural history of jazz; jazz styles from 1917 to present; and evolution of jazz from African music, music of slavery, ragtime, and blues. Includes concert attendance and performance project.

MUS 116 Music Scenes

Units: 1

Fulfills General Education Requirement (FSVP)

Description

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.

MUS 117 Salsa Meets Jazz

Units: 1

Fulfills General Education Requirement (FSVP)

Description

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.

MUS 122 America's Music and Media

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Typically-based survey of media and technological innovations that have facilitated the creation and distribution of diverse American musical forms from the late-19th century through the early 21st. Investigates changes in the production and consumption of American music from the circulation of sheet music, wax cylinders, and player pianos that dominated the turn of the 20th century to the Mp4 files and Digital Audio Workstations (D.A.W.) we enjoy today.

MUS 123 Meaning and Music

Units: 1

Fulfills General Education Requirement (FSVP)

Description

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.

MUS 125 Indonesian Theater and Music

Units: 1

Fulfills General Education Requirement (FSVP)

Description

This course will be a highly interdisciplinary introduction into the rich and complexly interconnected traditions of theater and music from the island nation of Indonesia. Students will study the history and form of various traditions and partake in numerous hands-on workshops involving traditional shadow theater, comedy, dance, and gamelan orchestral music.

MUS 130 Class Guitar

Units: .5

Description

Introduction to guitar through folk music.

MUS 131 Class Piano

Units: .5

Description

For beginning piano student. Introduction to elements of music via the keyboard.

MUS 132 Class Voice

Units: .5

Description

For the beginning voice student. Introduction to the basic elements of vocal technique through the study of body and breath control, vocal exercises, beginning repertoire, and performance experience.

MUS 134 Songbirds and Sirens

Units: 1

Fulfills General Education Requirement FSHT

Description

Examines the ways in which performers, composers, and operatic works shape and reflect cultural attitudes about gender and music. The interdisciplinary nature of opera, which combines text, music, and theatrical performance, will be considered through methodologies developed in music, literary criticism, theater and gender studies. Interplay between operatic characters and the public and private lives of women singers will deepen our engagement with both the artistic works we study and the cultures in which they were first forged.

MUS 136 The Grotesque in the Arts

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Exploration of the concept of the grotesque through music, literature, the visual arts, film, and contemporary culture. The grotesque will be examined not merely as a category or a list of attributes, but rather as an artistic and cultural phenomenon--something that must be experienced and felt in order to be understood. Creation of grotesque projects required of students.

MUS 137 Gender, Sex, and the Romantic Piano

Units: 1

Fulfills General Education Requirement (FSVP)

Description

A cultural history of the nineteenth-century piano that examines composers, performers, and musical works in the context of social and cultural events. Performance of piano music at students' own level. Analysis of texts and images to consider how aesthetics and musical styles relate to social norms, sexuality, gender, spectatorship, and celebrity. No previous piano experience is necessary, but the ability to read musical notation (staff music) is strongly recommended; this skill will be assumed and will not be taught in the course.

MUS 138 Special Topics in Music

Units: 1

Description

Selected topics in music not covered in the music program. May be repeated for credit when topics vary.

MUS 201 Documents of Music History

Units: 1

Description

Introduction to primary sources (manuscript and printed scores, composers' writings, and concert reviews) used in music study and research. By focusing on the recurring themes of creation, dissemination, and consumption of musical works, students will learn to apply these resources to fundamental questions about music in a variety of historical periods.

Prerequisites

Music 101.

MUS 202 Global Drums

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Exploration of repertoires from various global music traditions. Performance of traditional instruments from Asia and Africa and participation in performances and workshops with expert native performers. No prior experience necessary.

MUS 203 Musical Exoticism

Units: 1

Description

Studies the conditions under which misperception and appropriation occur, under what conditions can mutually beneficial interactions take hold, and how can future musics may celebrate the potential of cultural difference without falling into exotifying tendencies. Topics include the upheavals of colonialism, the musical misrepresentation of other cultures, the innovation of some of the most popular and powerful music of the past 150 years: jazz, Cajun music, Kpop, Hip-hop and Bluegrass.

MUS 204 Choral Music and Creed

Units: 1

Fulfills General Education Requirement (FSVP)

Description

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.

MUS 205 Diction for Singers

Units: .5

Description

Study of the International Phonetic Alphabet (IPA) and its application to singing diction in a variety of languages. Preparation and performance of works in the languages being studied.

Prerequisites

Current enrollment in applied study in voice or piano.

MUS 206 Selected Topics in Vocal Performance

Units: .5

Description

Focuses on a variety of topics related to the voice and vocal performance.

Prerequisites

MSAP 060, MSAP 160, or MUS 132

MUS 207 Musical Theatre and Opera Scene Workshop

Units: .5

Description

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.

Prerequisites

Current enrollment in applied voice instruction or permission of instructor.

MUS 208 Global Pop

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Focuses on popular music from outside the Euro-American cultural sphere. Uses methodologies and theories from ethnomusicology, cultural studies and anthropology to



critically investigate the emergence of so-called popular musics around the globe beginning in the early 20th century. How is the 'pop-classical,' 'high-low' division of the arts that characterizes cultural production in the West transformed in different locales? Includes direct engagement in various local genres through hands on performance workshops.

MUS 211 Tonal Harmony II: Chromaticism

Units: 1

Description

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.

Prerequisites

Music 110 or permission of instructor.

MUS 212 Analytic Approaches to Contemporary Music

Units: 1

Description

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.

Prerequisites

Music 211 or permission of instructor.

MUS 213 Any Sound You Can Imagine: Recording, Transforming and Organizing Sound

Units: 1

Fulfills General Education Requirement FSVP

Description

Introduces students to the techniques, tools, aesthetic ideas, and traditions of organizing sound in meaningful ways using computers. Students will learn recording techniques, principles of digital audio, and techniques of audio transformation and organization in the service of producing several original brief compositions. In addition, students will study relevant readings and pieces drawn from the electronica, electroacoustic, and experimental repertoires.

MUS 214 Jazz Arranging

Units: 1

Description

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.

Prerequisites

Music 110.

MUS 217 Soundscapes

Units: 1

Fulfills General Education Requirement (FSVP)

Description

A consideration of sound, broadly conceived. Analysis of local soundscapes and transformations in the meanings of sound, noise and silence in contemporary American culture using the methodologies of sound studies and ethnomusicology. Performance of experimental and ecological compositions by composers including John Cage

and John Luther Adams. No previous music experience necessary.

MUS 221 Music in Film

Units: 1

Fulfills General Education Requirement (FSVP)

Description

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.

MUS 225 The Music Industry: History, Technology, and Promotion

Units: 1

Description

Examines stories of the inner workings of the American music industry. Overview of how the twentieth and twenty-first music business has worked in financial, legal, and artistic terms; how music technologies of recording, reproduction, and consumption operate; and how musical tastes and cognition affect the ways in which music is created, disseminated, and heard.

MUS 226 Music and Media in Popular Culture

Units: 1

Description

Exploration of topics and issues relating to intersections of music, media, technology and popular culture. Taught through the examination of scholarly methodologies and theories from musicology, media, sociology, aesthetics, and popular culture.

Prerequisites

MUS 109 or permission of instructor

MUS 228 Historical Musicology

Units: 1

Description

Introduces students to research methodologies in historical musicology using case studies drawn from Western art music. Emphasis is placed on discovering and using primary sources, interpreting contemporary scholarship, and articulating ideas through writing and oral discourse.

Prerequisites

MUS 110 or permission of department.

MUS 229 Anthropology of Music

Units: 1

Description

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.

MUS 230 Class Guitar II

Units: .5

Description

For the intermediate level guitarist not yet ready for private instruction.

Prerequisites

MUS 130 or permission of instructor

MUS 231 Conducting Fundamentals

Units: 1

Description

Essentials of instrumental and choral conducting. Rehearsal techniques and practical experience in directing musical groups.

Prerequisites

Music 109 or permission of instructor.

MUS 232 Intermediate Class Piano

Units: .5

Description

Piano study in a class setting for students who have passed MUS 131 or have had some private study in the past. The course assumes a sound knowledge of basic piano technique and music reading.

MUS 235 I Want My MTV: Music Video and the Transformation of the Music Industry

Units: 1

Description

Engagement with early music videos, as well as corresponding albums and related cultural multimedia as primary sources, to analyze the critical relationships between the music and images that premiered on the MTV network in its first decades. Situation of videos in their historical and cultural contexts using methodologies from a variety of disciplines, including film and cinema studies, sociology, the music industry, ethnomusicology and musicology.

MUS 238 Special Topics in Music

Units: 1

Description

Selected topics in music not covered in the music program. May be repeated for credit when topics vary.

MUS 255 Historical Performance Practice

Units: 1

Description

An introduction to the study of Western performance practice traditions, addressing principles of rhetoric, phrasing, expression, articulation, rhythm, rubato and tuning based on historical sources. We will investigate not only how musicians played and sang in different times and places, but also in what performance contexts. In addition to recently published studies, we will work with primary treatises (on various instruments and the voice). This class will offer the opportunity not only to discover these surprisingly foreign performance traditions, but also to experiment practically.

MUS 304 Music Entrepreneurship

Units: 1

Description

Building a career in music and developing skills beyond musicianship that contribute to success in the field of music. Considers the specialized skills and diversified experiences required for the next generation of cultural leaders.

Prerequisites

Music major or minor, or permission of instructor.

MUS 306 Introduction to Composition

Units: 1

Description

Introduction of materials and techniques of acoustic composition through readings, listening assignments, composition exercises, and performances.

Prerequisites

Music 110 or permission of instructor.

MUS 307 Composition

Units: .5

Description

Directed projects in various styles for traditional and/or electronic media. May be repeated for credit.

Prerequisites

Music 306 or permission of instructor.

MUS 310 Managing Performing Arts Organizations

Units: 1

Description

For those interested in managing and leading a performing arts organization, this course is a review of topics essential for successful management of a performing arts organization. Includes nonprofit and alternative organizational structure, organizational development and structure-- (management, board of directors, and staffing), leadership and management styles, budget development and fiscal management, strategic planning, marketing and audience development, legal issues, and other related topics. (Same as Theatre 310.)

Prerequisites

Major or minor in music, theatre or dance or permission of instructor.

MUS 313 Advanced Computer Music

Units: 1

Description

Continuation of Music 213. Exploration of audio computer systems, including digital recording and mixing devices. Creation and transcription of music for computer-controlled performance.

Prerequisites

Music 213 or permission of instructor.

MUS 338 Special Topics in Music History, Theory or Music Education

Units: 1

Description

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.

MUS 344 Opera Studies

Units: 1

Description

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.

Prerequisites

Music 109 or permission of instructor.

MUS 345 Philanthropy in the Arts

Units: 1

Description

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. Does not satisfy major or minor requirements. (Same as ARTH 345 and THTR 345.)  
Prerequisites  
MUS 310, ARTH 322, or permission of instructor.

#### MUS 350 Student Recital

Units: .5

##### Description

Preparation and performance of a solo recital by students in applied study or composition. Non-capstone recitals do not count towards the music major.

##### Prerequisites

Current enrollment in applied study or composition or permission of instructor.

#### MUS 388 Individual Internship

Units: .5-1

##### Description

No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

##### Prerequisites

Departmental approval

MUS 395 Independent Study

Units: .5

##### Prerequisites

Department approval.

MUS 400 Honors Seminar

Units: .5

##### Description

Seminar on topics in critical studies, music performance, music theory, or composition for honors students selected by the instructor and those enrolled.

##### Prerequisites

Acceptance in department honors program.

#### MUS 401 Senior Thesis/Project

Units: .5

##### Description

Guided research and preparation for thesis or project in performance, composition, theory/analysis, musicology. Concurrent registration for applied study may be required.

##### Prerequisites

Senior music major.

#### MUS 402 Honors Thesis/Project

Units: .5

##### Description

Guided research and preparation for thesis or project in performance, composition, theory/analysis, musicology.

##### Prerequisites

MUS 401 and acceptance into department honors program.

#### MUS 406 Summer Undergraduate Research

Units: 0

##### Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

##### Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

### **Musical Ensemble Courses**

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Prerequisite for all ensembles: audition with ensemble's director. Auditions are open to all students.

#### **Choral Ensembles (MSEN)**

##### MSEN 190 Women's Chorale

Units: .5

Fulfills General Education Requirement FSVP - must complete 1 unit in same ensemble before FSVP credit is awarded.

##### Description

Women's chorus; study and perform choral literature appropriate to the group from a variety of style periods and origins. Two rehearsals weekly. Regular performances on and off campus. May be repeated.

##### MSEN 196 Schola Cantorum

Units: .5

Fulfills General Education Requirement FSVP - must complete 1 unit in same ensemble before FSVP credit is awarded.

##### Description

Small mixed chorus; study and perform choral literature appropriate to the group from variety of style periods and origins; emphasis on a cappella repertoire. Three rehearsals weekly. Regular performances on and off campus; biannual tour. May be repeated.

#### **Instrumental Ensembles (MSEN)**

##### MSEN 191 University Orchestra

Units: .5

Fulfills General Education Requirement FSVP - must complete 1 unit in same ensemble before FSVP credit is awarded.

##### Description

Study and performance of works for symphony orchestra. One rehearsal and one sectional weekly. Regular performances on and off campus. May be repeated.

##### MSEN 192 Jazz Ensemble

Units: .5

Fulfills General Education Requirement FSVP - must complete 1 unit in same ensemble before FSVP credit is awarded.

##### Description

Study and performance of Big Band repertoire from swing era to present. One rehearsal and two sectionals weekly with two or more concerts each year. May be repeated.

MSEN 193 University Band

Units: .5

Fulfills General Education Requirement FSVP - must complete 1 unit in same ensemble before FSVP credit is awarded.

Description

Study and performance of wind band literature. Wind Ensemble of 50-60 members. One on-campus concert per semester. One rehearsal and one sectional weekly. May be repeated.

MSEN 195 Jazz Combo

Units: .25

Description

Small jazz ensemble: Swing, Brazilian, bluegrass, American roots, samba. Regular performances on and off campus. May be repeated.

MSEN 201 Chamber Music

Units: .5

Fulfills General Education Requirement FSVP - must complete 1 unit in same ensemble before FSVP credit is awarded.

Description

Study and performance of chamber music. Coaching by various members of the Department of Music. One rehearsal and one coaching weekly. May be repeated.

MSEN 202 Guitar Ensemble

Units: .25

Description

Study and performance of guitar ensemble literature. One rehearsal weekly. May be repeated.

MSEN 203 Global Music Ensemble

Units: .25

Fulfills General Education Requirement FSVP - must complete 1 unit in same ensemble before FSVP credit is awarded.

Description

Hands-on exploration of traditional musical repertoires from around the world. Students will perform on hand-made instruments from Asia and Africa and join with expert native musicians and dancers in an end-of-semester concert. Focuses primarily on Balinese gamelan (percussion orchestra) music and Ghanaian Ewe drumming ensemble music. Occasional workshops on Javanese and Brazilian musics. No previous musical experience is necessary. Traditions learned aurally/orally; no prior experience with notation is necessary. One rehearsal weekly.

MSEN 204 Little Big Band

Units: .5

Fulfills General Education Requirement FSVP - must complete 1 unit in same ensemble before FSVP credit is awarded.

Description

Large jazz combo; study and perform chamber jazz literature from many different jazz and contemporary styles, including swing, bebop, Latin jazz and jazz rock. Emphasis on performance and improvisation. Two 1.5-hour rehearsals weekly with regular performances on and off campus.

MUS 202 Global Drums

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Exploration of repertoires from various global music traditions. Performance of traditional instruments from Asia and Africa and participation in performances and workshops with expert native performers. No prior experience necessary.

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### Applied Music Courses

Students may request private music lessons (MSAP 160 - MSAP 282) by completing the Private Lesson Request Form. After your form has been submitted, the application will be evaluated by the Department of Music and you will be notified of your approval status during the first week of classes. Contact Linda Smalley, Music Administrative Coordinator, with questions.

### Courses

MSAP 160 Voice

Units: .5

MSAP 161 Piano

Units: .5

MSAP 162 Organ

Units: .5

MSAP 163 Guitar

Units: .5

MSAP 164 Flute

Units: .5

MSAP 165 Oboe

Units: .5

MSAP 166 Clarinet

Units: .5

MSAP 167 Saxophone

Units: .5

MSAP 168 Bassoon

Units: .5

MSAP 169 French Horn

Units: .5

MSAP 170 Trumpet

Units: .5

MSAP 171 Trombone/Baritone

Units: .5

MSAP 172 Tuba

Units: .5

MSAP 173 Percussion

Units: .5

MSAP 174 Violin

Units: .5

MSAP 175 Viola

Units: .5

MSAP 176 Cello

Units: .5

MSAP 177 String Bass/Electric Bass

Units: .5

MSAP 178 Harp

Units: .5

MSAP 179 Banjo

Units: .5

MSAP 180 Mandolin

Units: .5

MSAP 181 Harpsichord

Units: .5

MSAP 182 Miscellaneous Instruments

Units: .5

MSAP 260 Voice

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 261 Piano

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP.

MSAP 262 Organ

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 263 Guitar

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 264 Flute

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP.

MSAP 265 Oboe

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP.

MSAP 266 Clarinet

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP.

MSAP 267 Saxophone

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP.

MSAP 268 Bassoon

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP.

MSAP 269 French Horn

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP.

MSAP 270 Trumpet

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP.

MSAP 271 Trombone/Baritone

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 272 Tuba

Units: .5

Description



Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 273 Percussion

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 274 Violin

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 275 Viola

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 276 Cello

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 277 String Bass/Electric Bass

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 278 Harp

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 279 Banjo

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 280 Mandolin

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 281 Harpsichord

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

MSAP 282 Miscellaneous Instruments

Units: .5

Description

Private lessons in instrument or voice; continuation of MSAP 160-MSAP 182. Expanded jury required at the end of each semester of study. Permission of applied teacher and department chairperson required.

Prerequisites

At least 2 semesters of corresponding 100-level MSAP

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## Neuroscience

### Interdisciplinary Concentration in Neuroscience for Biology, Psychology, and Biochemistry and Molecular Biology Majors

Majors in biology, psychology, or biochemistry and molecular biology 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 declare as early as possible (fall of sophomore year is suggested).

To qualify for a Bachelor of Science degree, students must complete the degree requirements stated under Graduation, including general education requirements, wellness, curriculum, achievement, and residency requirements, along with completion of the requirements for at least one major. The B.S. degree at the University of Richmond requires a concentration in science and quantitative reasoning. The B.S.

degree will require depth of coursework and/or research as determined by the department or program along with Math 211 (or equivalent) and a second course that focuses on advanced quantitative methods appropriate to scientific inquiry.

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

### Designated Courses for Biology Majors

17.5 units, including:

BIOL 199 Introduction to Biological Thinking or BIOL 190 Integrated Science/Math/Computer Science 1 with Lab 1 or BIOL 192 Science, Math and Research Training I

BIOL 200 Integrated Biological Principles I

BIOL 202 Integrated Biological Principles II

Five additional units of biology approved for the major, four of which are at the 300 level, three of which are chosen from the list below, and three of which must have a lab. Students with one unit of research may take two of the five with a lab. The one unit of research may be satisfied by BIOL 350 (taken twice for 0.5 unit each), BIOL 395 (1 unit) or completion of BIOL 406 (summer undergraduate research) or by the dept chair's approval of an external summer research program.

BIOL 308 Comparative Vertebrate Anatomy with Lab

BIOL 310 The Biology of Poisoning

BIOL 312 Developmental Biology with Lab

BIOL 317 Mechanochemical Cell Biology with Lab

BIOL 338 Comparative Animal Physiology with Lab

BIOL 342 Neurodevelopment

BIOL 343 Neurobiology with Lab

BIOL 344 Behavioral Ecology with Lab

BIOL 351 Special Topics (requires Neuroscience program approval)

BIOL 354 Biological Basis of Neurodegenerative Diseases with Lab

BIOL 390 Advances in Biology (Biological Toxins; Ion Channels)

CHEM 141 Chemistry: Structure, Thermodynamics, and Kinetics or CHEM 191 Integrated Science/Math/Computer Science 3 with Laboratory or CHEM 192 Science, Math and Research Training II with Lab

CHEM 205 Organic Chemistry I

CHEM 206 Organic Chemistry II

Quantitative-physical science, MATH 211 Calculus I or MATH 190 Integrated Science/Math/Computer Science and two additional units chosen from:

One unit from the following:

MATH 209 Introduction to Statistical Modeling

MATH 212 Calculus II or MATH 232 Scientific Calculus II

MATH 289 Applied Regression Analysis

One unit from the following:

CMSC 150 Introduction to Computing

PHYS 127 General Physics 1 or PHYS 131 General Physics with Calculus I or PHYS 191 Integrated Science/Math/Computer Science 2 with Lab.

PSYC 200 Methods and Analyses OR BIOL 320 Experimental Design and Biostatistics (BIOL 320 may count only for quantitative physical science requirement or 300 level additional unit in biology, but not both; MATH 209 cannot be taken in combination with PSYC 200 or BIOL 320)

GEOG 260 Introduction to Geographic Information Systems

Completion of the two semester IQS course meets the quantitative-physical science requirement for the BS degree

PSYC 200 Methods and Analyses\*

Two units of neuroscience-related psychology, chosen from:

PSYC 331 Behavioral Neuroscience

PSYC 333 Cognitive Science

PSYC 341 Cognitive Neuroscience

PSYC 353 Clinical Neuroscience

PSYC 444 Clinical Case Studies

Approved 400-level seminar (requires Neuroscience program approval)

.5 unit of neuroscience-related research in biology or chemistry or an approved experience\*\* that culminates in a written report or poster presentation

\*Students who are pursuing the neuroscience concentration may request to bypass the PSYC 100 pre-requisite for the PSYC 200 course. Please make requests to the Chair of the Psychology Department.

\*\*Approvals for these classes must be requested in writing to the NRSC Advisory Committee.

### Designated Courses for Psychology Majors

17 units, including:

PSYC 100 Introduction to Psychological Science

PSYC 200 Methods and Analyses

PSYC 300 Methods and Analyses Core Project

PSYC 331 Behavioral Neuroscience

PSYC 341 Cognitive Neuroscience

One unit in neuroscience research, selected from:

PSYC 361 Independent Research

PSYC 461/PSYC 462 Senior Research

PSYC 491/PSYC 492 Senior Honors

or a second PSYC 300

One unit approved neuroscience-related senior seminar

PSYC 359 Advanced Neuroscience Data Analysis and Visualization

One additional PSYC elective chosen from:

PSYC 319 Psychopathology

PSYC 321 Principles of Behavior

PSYC 333 Cognitive Science

PSYC 353 Clinical Neuroscience

PSYC 444 Clinical Case Studies

PSYC 449 Advanced Seminar: ADHD

PSYC 449 Advanced Seminar: Neuroplasticity

PSYC 449 Advanced Seminar: Trauma and Recovery

MATH 212 Calculus II

BIOL 200 Integrated Biological Principles I\*

BIOL 202 Integrated Biological Principles II

CHEM 141 Chemistry: Structure, Thermodynamics, and Kinetics

CHEM 205 Organic Chemistry I

CHEM 206 Organic Chemistry II

One unit of biology, chosen from:

BIOL 308 Comparative Vertebrate Anatomy

BIOL 312 Developmental Biology

BIOL 317 Mechanochemical Cell Biology with Lab

BIOL 338 Comparative Animal Physiology

BIOL 343 Neurobiology

BIOL 344 Behavioral Ecology

BIOL 354 Biological Basis of Neurodegenerative Diseases with Lab

\*Students who are pursuing the neuroscience concentration in the Psychology major may request to use PSYC 200 in lieu of BIOL 199 as a pre-requisite for BIOL 200. Requests must be made to the Chair of the Biology Department. Designated Courses for Biochemistry Majors  
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 Science degree:**

17-17.25 units, including:

BIOL 199 Introduction to Biological Thinking or BIOL 190 Integrated Science/Math/Computer Science 1 with Lab 1 or BIOL 192 Science, Math and Research Training I

BIOL 200 Integrated Biological Principles I

BIOL 202 Integrated Biological Principles II

BMB 300 Junior Seminar

CHEM 141 Chemistry: Structure, Thermodynamics, and Kinetics

CHEM 205-CHEM 206 Organic Chemistry

CHEM 309 Physical Chemistry

CHEM 324 Experimental Biochemistry

CHEM 325 Experimental Biophysical Chemistry

CHEM 326 Biochemistry

Two units of neuroscience-related biology courses, chosen from:

BIOL 312 Developmental Biology with Lab

BIOL 317 Mechanochemical Cell Biology

BIOL 343 Neurobiology

BIOL 354 Biological Basis of Neurodegenerative Diseases with Lab

Two senior seminars, to include the presentation of a research topic, chosen from

BMB 310 Senior Seminar I

BMB 311 Senior Seminar II

MATH 212 or MATH 232 Calculus II

PHYS 127 Algebra-Based General Physics 1 with Lab or  
PHYS 131 Calculus-Based General Physics 1 with Lab or  
PHYS 191 Integrated Science/Math/Computer Science 4  
with Lab

PHYS 132 Calculus-Based General Physics 2 with Lab

PSYC 200 Methods and Analyses\*

One unit of neuroscience-related psychology, chosen from

PSYC 331 Behavioral Neuroscience

PSYC 333 Cognitive Science

PSYC 341 Cognitive Neuroscience

PSYC 353 Clinical Neuroscience

PSYC 440 Advanced Neuroscience

Approved 400-level seminar\*\*

One unit of neuroscience-related research in biology or  
chemistry or an approved experience\*\* that culminates in a  
written report or poster presentation

\*Students who are pursuing the neuroscience concentration  
may request to bypass the PSYC 100 pre-requisite for the  
PSYC 200 course. Please make requests to the Chair of the  
Psychology Department.

\*\*Approvals for these classes must be requested in writing to  
the BMB Committee.

## Philosophy

*Geoffrey Goddu, Chair*  
*Professors Goddu, McWhorter, Lefkowitz*  
*Associate Professors McCormick, Schaubert*  
*Assistant Professors Boxer, McDaniel, Platz, Reckner*

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.

### The Philosophy Major

Note: The grade point average of the coursework in  
philosophy comprising the major must be 2.00 or above with  
no more than one grade below C- (1.7).

10 units, including:

PHIL 251 Elementary Symbolic Logic

PHIL 271 Ancient Greek Philosophy

PHIL 272 Modern Western Philosophy

PHIL 353 Philosophical Methods: Majors'/ Minors' Seminar

Six units in electives as follows:

One 300-level elective chosen from Category I courses

One 300-level elective chosen from Category II courses

Two additional 300-level electives

One elective at the 200-level or above

One elective at any level which may include FYS 100 taught  
in Philosophy

### Category I

PHIL 314 Philosophy of Science

PHIL 343 Twentieth-Century Analytic Philosophy

PHIL 344 Twentieth-Century Continental Philosophy

PHIL 351 Topics Seminar Historical I

PHIL 362 Philosophy of Religion

PHIL 365 Action, Responsibility and Free Will

PHIL 370 Philosophy of Mind

PHIL 373 Epistemology

PHIL 381 Topics Seminar Issues I

### Category II

PHIL 336 Nineteenth-Century European Philosophy

PHIL 337 Social and Political Philosophy

PHIL 352 Topics Seminar Historical II

PHIL 359 Thinking and Seeing: Philosophy and the Visual  
Arts

PHIL 360 Ethics

PHIL 363 Power and Politics

PHIL 364 Philosophy of Law

PHIL 375 Ethics and Practical Reasoning

PHIL 382 Topics Seminar Issues II

### The Philosophy Minor

Note: A grade of not less than C- (1.7) is required in each  
course comprising the minor.

Five units, including:

PHIL 271 Ancient Greek Philosophy

PHIL 272 Modern Western Philosophy

Three units of electives in Philosophy

2 units at the 300-level or above

1 unit at any level, which may include FYS 100 taught by faculty from the Philosophy department

### Honors

Highly qualified and motivated students may seek departmental honors. Successful applicants will be assigned to an advisor/tutor to guide their work and monitor their progress.

Application for admission to the honors program is made in two stages. Initial Applications for admission to the philosophy honors program may be made by junior majors with a cumulative GPA of at least 3.3 on all their work who have completed at least 12 three units nine hours in the philosophy department (above the introductory level) with distinction. Initial admission allows students to enroll in the Honors Seminar and take the required upper-level philosophy courses for honors credit.

In their junior year, after the completion of (i) at least 18 units with a cumulative GPA of at least 3.3 and (ii) 3.5 units, excluding 101 and 120, in the philosophy department with distinction, students complete their application to the honors program by proposing a thesis topic to the Philosophy Department. Advisors will be assigned to students who submit successful proposals.

To receive honors in philosophy, an approved applicant must complete (as part of his or her major) all of the following program with distinction:

1. 386 Honors Seminar, and 395 Honors Thesis, and
2. Two additional upper-level philosophy courses or seminars designated for honors credit and involving special projects
3. 395 Honors Thesis

The program's keystone is researching and writing a Senior Honors Thesis on the basis of a proposal developed and approved in the student's junior year. In the fall of that year, an interested major should talk to his/her advisor about the deadlines and other specifics for both the proposal and the thesis.

### Courses

PHIL 101 Introduction to Philosophical Problems and Arguments

Units: 1

Fulfills General Education Requirement FSLT

Description

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?

PHIL 120 Contemporary Moral Issues

Units: 1

Description

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.

PHIL 239 Existentialism and Postmodernism

Units: 1

Description

Survey of themes in 20th-century existentialist and postmodern philosophy. Issues to be addressed include freedom, selfhood, embodiment and historical situation, and knowledge in the absence of transcendence. Students will read works by such thinkers as Heidegger, Sartre, Beauvoir, Fanon, Levinas, Foucault, and others.

PHIL 250 Topics Seminar: Historical

Units: 1

Description

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.

PHIL 251 Elementary Symbolic Logic

Units: 1

Fulfills General Education Requirement (FSSR)

Description

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.

PHIL 260 Philosophical Problems in Law and Society

Units: 1

Description

Examination of purpose and justification for legal limits on individual liberty, with special attention to problems of liability and punishment.

PHIL 265 Bioethics

Units: 1

Description

A survey of prevalent topics in recent bioethics, the study of ethical discussions surrounding the sciences of biology and medicine. Works to improve ability to think critically and to argue from the standpoint of a certain moral theory in the ethical evaluation of problems concerning the human body, health care, doctor-patient relationship, life and death, food, and animals.

PHIL 269 Environmental Ethics

Units: 1

Description

Examines various ethical approaches to environmental problems. Topics may vary from year to year but typically will include such issues as treatment of nonhuman animals, resource depletion, environmental justice, genetic



engineering, and climate change. (Same as Environmental Studies 269.)

PHIL 271 Ancient Greek Philosophy

Units: 1

Fulfills General Education Requirement (FSHT)

Description

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.

PHIL 272 Modern Western Philosophy

Units: 1

Fulfills General Education Requirement (FSHT)

Description

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.

PHIL 280 Topics Seminar: Issues

Units: 1

Description

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.

PHIL 314 Philosophy of Science

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 336 Nineteenth-Century European Philosophy

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 337 Social and Political Philosophy

Units: 1

Description

Examination of major theories in social and political philosophy, historical and current.

Prerequisites

One previous philosophy class or permission of instructor or PPEL 261 or PPEL 262.

PHIL 343 Contemporary Analytic Philosophy

Units: 1

Description

Critical examination of 20th-century topics and thinkers in the analytic tradition.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 344 Contemporary Continental Philosophy

Units: 1

Description

Critical examination of 20th-century topics and thinkers in the French and German traditions.

Prerequisites

Phil 272 or permission of instructor.

PHIL 351 Topics Seminar Historical I

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 352 Topics Seminar Historical II

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 353 Philosophical Methods

Units: 1

Description

Development of skills related to critical reading, evaluation, writing and presentation of philosophical texts along with techniques of analysis and interpretation. Required for majors.

Prerequisites

Permission of department.

PHIL 357 Nietzsche

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 358 Topics in Feminist Philosophy

Units: 1

Description

Examination of recent and contemporary feminist theory. (Same as Women, Gender and Sexuality Studies 379 and Political Science 379.)

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 359 Aesthetics and the Philosophy of Art

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 360 Ethics

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor or PPEL 261 or PPEL 262.

PHIL 362 Philosophy of Religion

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 363 Power and Politics

Units: 1

Description

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.)

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 364 Philosophy of Law

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor or PPEL 261 or PPEL 262.

PHIL 365 Action, Responsibility and Free Will

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 370 Philosophy of Mind

Units: 1

Description

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?

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 373 Epistemology

Units: 1

Description

Explores central issues in epistemology. These include the nature of knowledge, justification, and rationality. Historical and contemporary readings will expose students to a wide variety of different approaches and answers to questions concerning the nature and scope of knowledge.

Prerequisites

PHIL 271 or PHIL 272 or permission of instructor.

PHIL 375 Ethics and Practical Reasoning

Units: 1

Description

A survey of basic issues about the nature of practical reason. Also considers associated issues about intentional action; persons; the good, moral demands; and the normativity of ethics.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 381 Topics Seminar Issues I

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 382 Topics Seminar Issues II

Units: 1

Description

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.

Prerequisites

One previous philosophy class or permission of instructor.

PHIL 386 Honors Seminar

Units: 1

Description

Seminar for honors students on topic selected mutually by instructor and those enrolled. Permission of department.

Prerequisites

Permission of department.

PHIL 390 Independent Study

Units: .5-1

Description

Faculty member directs student's reading and study.

Prerequisites

Permission of department.

PHIL 395 Honors Thesis

Units: 1

Description

Supervised completion of research thesis begun and approved in majors' seminar.

Prerequisites

Permission of department.

PHIL 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

## Philosophy, Politics, Economics, and Law

*Stephen Simon, Coordinator (Political Science)*

The interdisciplinary major in Philosophy, Politics, Economics, and Law (PPEL) enables students to pursue a rigorous exploration of the historical, methodological, and theoretical interconnections among these four fields of study. Students will acquire knowledge of different conceptual, theoretical and normative perspectives within each discipline, and will learn to use methods appropriate to each of them. The distinctive aim of the major is to assist students in synthesizing what they learn from their study of philosophy, politics, economics, and law so as to apply a combination of practical and theoretical knowledge to questions of social order and public policy.

### The Philosophy, Politics, Economics, and Law Major

Note: The grade point average of the coursework comprising the major must be no less than 2.0, with no course grade below a C- (1.7). A grade of C or better is required in ECON 101.

14-15 units, including

### Core Courses

ECON 101 Principles of Microeconomics

PPEL 261 PPEL Seminar in Theory and Public Policy

PPEL 262 PPEL Seminar in Law and Social Order

PPEL 363 Rational Choice and Political Theory

PPEL 401 PPEL Capstone Seminar

### Area Courses

One course in normative ethics

One course in normative political theory/political philosophy

One law-related course

Note: Area requirements can be fulfilled by courses in a variety of departments and schools. Majors should consult the PPEL website for an up to date list of approved courses. Exactly one area course may also count toward the 5 units within the primary concentration field.

### Concentration

A required concentration chosen from Economics, Politics, or Philosophy including:

Five units selected from within the primary concentration field.

One unit from each of the other two concentration fields.

### Notes:

Students may petition the coordinator to have a new course count as an area or concentration course.

No more than half of the courses satisfying the requirements of the major may be taken in a single department.

With the exception of Leadership Studies, no more than three courses that count toward the completion of another major may also count toward the PPEL major. No more than four courses that count toward the completion of a Leadership Studies major may also count toward the PPEL major.

Study abroad is strongly encouraged. Upon approval of the PPEL coordinator, relevant coursework abroad can substitute for PPEL major requirements with the exception of PPEL 261, PPEL 262, and PPEL 401.

Students seeking an exception to any of the major requirements must submit a petition to the PPEL Advisory Committee. No exceptions or substitutions will be made for the four core courses. Please see the PPEL coordinator for additional information. Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

### Area Courses

**Ethics Area Courses**

BUAD 392 Ethical, Social and Legal Responsibilities of Business

ECON 233 Ethics and Economics

LDST 377 Ethical Decisions-Making in Healthcare

LDST 450 Leadership Ethics

PHIL 120 Contemporary Moral Issues

PHIL 265 Bioethics

PHIL 360 Ethics

PHIL 365 Action, Responsibility, and Free Will

PHIL 375 Ethics and Practical Reasoning

RELG 265 Religion and Moral Decisions

RELG 267 Varieties of Christian Ethics

RELG 269/ENVR 269/PHIL 269 Ethics, Religion and the Environment

RELG 294 Varieties of Jewish Ethics

RELG 367 Aristotle, Aquinas: The Ethics

RELG 367 Ethics and Religion in American Pragmatism

RELG 369 Foundations of Social Ethics

RELG 394 Asian Ethics

**Political Theory/Political Philosophy Area Courses**

ANTH 328 Anthropology of Human Rights

ANTH 335 Law and Order: The Anthropology of Justice

GEOG 370 Geographies of Economic Development and Globalization

HIST 391 Transnational Social Reform

LDST 210 Justice and Civil Society

LDST 361 Sex, Power, and Politics

LDST 378 Statesmanship

PHIL 337 Social and Political Philosophy

PHIL 363 Power and Politics

PLSC 311 Classical Political Thought

PHIL 382 Economic Justice

PLSC 312 Modern Political Theory

PLSC 315 American Political Theory

PLSC 330 The Creation of the American Republic

PLSC 339 Jurisprudence in Contemporary American Politics

RELG 369 Ethics, Religion, and War

**Law-Related Area Courses**

ANTH 335 Law and Order: The Anthropology of Justice

ECON 231 Law and Economics

ENVR 366 International Environmental Law

HCS 240 Law and Medicine

HIST 199 Scottsboro Trials

HIST 240 / WGSS 203 Human Rights and Revolution in the Atlantic World (1750-1850)

JOUR 303 Ethics and Law

PHIL 260 Philosophical Problems in Law and Society

PHIL 364 Philosophy and Law

PLSC 331 Constitutional Law

PLSC 333 Civil Rights/Liberties

PLSC 337 The American Legal System

PLSC 339 Jurisprudence in Contemporary American Politics

PLSC 352 International Law and Organization

PLSC 362/ENVR 362 Environmental Law and Policy

RHCS 353 Rhetoric and Law

SOC 311 Juvenile Delinquency

**Concentrations**

**PPEL Concentration in Economics**

*Erik Craft (Economics) and Jonathan Wight (Economics), Advisors*

Seven units, including:

ECON 102 Principles of Macroeconomics

ECON 271 Microeconomic Theory

One unit chosen from:

ECON 231 Law and Economics

ECON 233 Ethics and Economics

Two elective units in Economics at the 200 or 300 level

One elective in Philosophy

One elective in Political Science

**PPEL Concentration in Politics**

*Stephen Simon (Political Science), Advisor*

Seven units, including:

Five elective units in Political Science

One elective in Philosophy

One elective in Economics (ECON 102 or 200 level or higher Economics course)

**PPEL Concentration in Philosophy**

*Geoff Goddu (Philosophy) and Nancy Schaubert (Philosophy), Advisors*

Seven units, including:

Four elective units in Philosophy

One elective in Political Science

One elective in Economics (ECON 102 or 200 level or higher Economics course)

One unit chosen from: PHIL 271 Ancient Greek Philosophy or PHIL 272 Modern Western Philosophy

**Courses**

PPEL 261 PPEL Theory and Public Policy

Units: 1

Description

Aims to bring into contact and conflict various normative theories developed by philosophers, political scientists, and economists - that is, their different accounts of what makes acts right, outcomes good, or societies just - with significant attention paid to the implications these theories have for some issue of public policy such as climate change healthcare reform, or global poverty reduction.

Prerequisites

One course from any two of the following disciplines: Philosophy, Political Science, Economics, or Leadership Studies.

PPEL 262 PPEL Law and Social Order

Units: 1

Description

Aims to bring into contact and conflict various normative theories developed by philosophers, political scientists, economists, and legal theorists - that is, their different accounts of what makes acts right, outcomes good, or societies just - with significant attention paid to the implications these theories have for some area of law, such as international or tort law, or some legal institution, such as legislatures or courts.

Prerequisites

One course from any two of the following disciplines: Philosophy, Political Science, Economics, or Leadership Studies.

PPEL 363 Rational Choice and Political Theory

Units: 1

Description

Critical introduction to the concepts and tools of rational choice theory and their application to the realm of politics in the form of social choice and public choice theory. Particular attention will be given to the use of choice theory to make normative arguments regarding the design of political and legal institutions, as well as public policy.

Prerequisites

(1) ECON 101; and (2) PPEL 261 or PPEL 262

PPEL 381 Selected Topics in Philosophy, Politics, Economics, and Law

Units: 1

Description

Selected topics in Philosophy, Politics, Economics, and Law not covered by existing courses.

Prerequisites

Departmental approval.

PPEL 388 Individual Internship

Units: .5-1

Description

Experiential learning with application of theories and concepts from the disciplines of philosophy, political science, economics, and leadership studies in nonacademic contexts. Students may count no more than one unit of internship credit toward completion of the PPEL major. No more than 3.5 units of internship of any kind may count toward the total number of units required for a degree.

Prerequisites

Permission of PPEL coordinator

PPEL 390 Independent Study

Units: .5-1

Description

In-depth exploration of normative theories, concepts, and questions from the perspective of the disciplines of philosophy, politics, economics, and leadership studies, where these are not covered by other courses students may take in order to complete the PPEL major. Independent study proposals must be submitted to the PPEL Coordinator at least two weeks before the beginning of classes for the semester in which the independent study is to take place. No more than one unit of independent study may count toward completion of the PPEL major.

Prerequisites

Permission of PPEL coordinator

PPEL 401 PPEL Capstone Seminar

Units: 1

Description

A substantial research project that integrates normative theory from the disciplines of philosophy, political science, and economics. Specific topic and instructor will vary from semester to semester.

Prerequisites

ECON 101, PPEL 261 and 262. PPEL 363 (may be taken concurrently).

PPEL 406 Summer Undergraduate Research

Units: 0

Description



Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

## Physics

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*Ted Bunn, Chair*

*Professor Bunn, Gilfoyle*

*Associate Professors Lipan, Singal, Travick*

*Assistant Professors de Sousa Dias, Helms*

*Manager of Laboratories Belk*

### The Physics Major

For the Bachelor of Arts degree

For the Bachelor of Arts degree

11 units, including:

PHYS 127 Algebra-Based General Physics 1 with Lab or  
PHYS 131 Calculus-Based General Physics 1 with Lab

One unit, chosen from:

PHYS 128 Algebra-Based General Physics 2 with Lab

PHYS 132 Calculus-Based General Physics 2 with Lab

One unit, chosen from:

PHYS 201 Einstein's Relativity

PHYS 202 Particle/Wave Duality and the Quantum  
Revolution

PHYS 205 Introduction to Modern Physics

PHYS 221 Intermediate Laboratory

PHYS 397-PHYS 398 Junior Seminar

PHYS 497-PHYS 498 Senior Seminar

Three additional units in PHYS

MATH 212 Calculus II or MATH 232 Scientific Calculus II

Two additional units in courses approved by the department

This degree is offered primarily for students who wish to pursue a career in education or business or wishing to earn a cultural degree.

**For the Bachelor of Science degree**

13-14 units, including:

PHYS 127 Algebra-Based General Physics 1 with Lab or  
PHYS 131 Calculus-Based General Physics 1 with Lab

One unit, chosen from:

PHYS 128 Algebra-Based General Physics 2 with Lab

PHYS 132 Calculus-Based General Physics 2 with Lab

PHYS 221 Intermediate Laboratory

PHYS 301 Mathematical Methods in Physics

PHYS 303 Classical Mechanics

PHYS 305 Electromagnetism

PHYS 308 Statistical Mechanics

PHYS 309 Quantum Mechanics I

PHYS 397-PHYS 398 Junior Seminar

PHYS 497-PHYS 498 Senior Seminar

Experimental work in addition to PHYS 221 chosen from:

PHYS 216 Electronics

PHYS 231 Experimental Physics

PHYS 381 Research

PHYS 406 Summer Undergraduate Research

One unit, chosen from:

CHEM 141 Chemistry: Structure, Thermodynamics, and  
Kinetics

CMSC 150 Introduction to Computing

CMSC 155 Introduction to Scientific Computing

MATH 235 Multivariate Calculus

MATH 245 Linear Algebra

Two additional units in PHYS numbered above 200,  
excluding PHYS 381

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted..

### The Interdisciplinary Physics Major for the Bachelor of Science Degree

Note: Students cannot major in both physics and interdisciplinary physics.

This degree is intended for students with a broad interest in several sciences or interdisciplinary science or who wish to pursue one of the engineering options.

15 units, including:

PHYS 127 Algebra-Based General Physics 1 with Lab or  
PHYS 131 Calculus-Based General Physics 1 with Lab

One unit, chosen from

PHYS 128 Algebra-Based General Physics 2 with Lab

PHYS 132 Calculus-Based General Physics 2 with Lab

One unit, chosen from:

PHYS 201 Einstein's Relativity

PHYS 202 Particle/Wave Duality and the Quantum  
Revolution

PHYS 205 Introduction to Modern Physics

PHYS 221 Intermediate Laboratory

PHYS 301 Mathematical Methods in Physics

PHYS 397-PHYS 398 Junior Seminar

PHYS 497-PHYS 498 Senior Seminar

MATH 211-MATH 212 Calculus I-II or MATH 232  
Scientific Calculus II

Three additional units in physics at the 200 level or above

One of the concentrations described below. All  
concentrations require 4-5 additional units beyond those  
listed above.

Biology Concentration

BIOL 200 Integrated Biological Principles I

CHEM 141 Chemistry: Structure, Thermodynamics, and  
Kinetics

Three additional units in biology

Biochemistry Concentration

CHEM 141 Chemistry: Structure, Thermodynamics, and  
Kinetics

CHEM 205-CHEM 206 Organic Chemistry

CHEM 326 Biochemistry

Chemistry Concentration

CHEM 141 Chemistry: Structure, Thermodynamics, and  
Kinetics

CHEM 309-CHEM 310 Physical Chemistry and CHEM  
314-CHEM 315 Physical Chemistry Laboratory

One additional unit in chemistry

Computer Science Concentration

CMSC 150 Introduction to Computing or CMSC 155  
Introduction to Scientific Computing

CMSC 221 Data Structures with Lab

Three additional units in computer science

Mathematics Concentration

MATH 235 Multivariate Calculus

MATH 245 Linear Algebra

MATH 312 Differential Equations

Two additional units in mathematics at the 300 level or  
above

Engineering Concentration: Five units of engineering  
courses

This concentration is intended for students participating  
in the 3-2 engineering program.

The required units will be earned at another institution.

### The Physics Minor

Five units, including:

Three units numbered above 200, excluding 397-398 and  
497-498

Two additional units in PHYS

### Dual-Degree (3-2) Engineering Program

Building on the strengths of majors in physics, mathematics,  
computer science, chemistry, and biology, the School of Arts  
and Sciences offers students with special career goals the  
ability to pursue dual degrees in a five-year period. Some  
opportunities allow a student to earn a Bachelor of Science  
from Richmond and also a Bachelor of Science from a  
cooperating engineering school, while others enable a student  
to complete an undergraduate degree from Richmond and an  
accelerated master's degree in engineering from a partner  
institution--all within a five-year period. The physics  
department's pre-engineering advisor can provide  
information about participating programs and requirements.

### Honors Program

Specific requirements for honors in physics:

1. A cumulative GPA of at least 3.3 in their physics  
courses, in addition to the 3.3 GPA required  
overall.

2. At least 3.5 units of courses designated as honors courses. These courses will be divided as follows:
- (a) One unit must be independent research, typically done as research with an individual physics faculty member. These will typically be fulfilled by two semesters PHYS 381 for 0.5 credit units each.
- (b) 0.5 units must be from taking both semesters of senior seminar, PHYS 497 and PHYS 498. As a part of this course, physics honors students will be required to present at least one oral presentation on the topic of their independent research undertaken for part (a). Physics honors students will also be required to present a final written thesis describing their research. The thesis and oral presentation must be approved at an honors level by the research supervisor and at least two additional readers within the physics department, or their designees.
- (c) The remaining courses (2.0 units) may be any courses in physics numbered 200 or higher, including approved transfer courses, that are specifically above the current requirements for a B.S. in physics

### Courses

PHYS 121 Astronomy with Lab

Units: 1

Fulfills General Education Requirement (FSNP)

Description

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.

PHYS 125 Elements of Physics with Lab

Units: 1

Fulfills General Education Requirement (FSNP)

Description

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.

PHYS 127 Algebra-Based General Physics 1 with Lab

Units: 1

Fulfills General Education Requirement (FSNP)

Description

First of a two semester sequence in general physics. Topics for Physics 127 include kinematics, forces, conservation of momentum, work and energy, rotational motion, and oscillations. Includes laboratory. NOTE: Physics 127 is not a prerequisite to 128. A student may not receive credit for both Physics 131 and 127. Physics 127 and 128 are offered very rarely; students should generally plan to take 131 and 132 instead.

Prerequisites

Knowledge of algebra and trigonometry.

PHYS 128 Algebra-Based General Physics 2 with Lab

Units: 1

Fulfills General Education Requirement (FSNP)

Description

Second semester of a two semester sequence in general physics. Topics for Physics 128 include electricity and

magnetism, heat and thermodynamics, and wave optics.

Includes laboratory. NOTE: A student may receive credit for only one of the following courses: 128, 132, 133, 134. Physics 127 and 128 are offered very rarely; students should generally plan to take 131 and 132 instead.

Prerequisites

Knowledge of algebra and trigonometry.

PHYS 131 Calculus-Based General Physics 1 with Lab

Units: 1

Fulfills General Education Requirement (FSNP)

Description

First semester of a calculus-based introductory sequence.

Topics for Physics 131 include kinematics, forces, conservation of momentum, work and energy, rotational motion, and oscillations. Includes laboratory. NOTE: A student may not receive credit for both Physics 127 and 131.

Prerequisites

MATH 190 or 211 (may be taken concurrently).

PHYS 132 Calculus-Based General Physics 2 with Lab

Units: 1

Fulfills General Education Requirement (FSNP)

Description

Second semester of a calculus-based introductory sequence.

Topics for Physics 132 include electricity and magnetism, heat and thermodynamics, and wave optics. Includes laboratory. NOTE: A student may receive credit for only one of the following courses: 128, 132, 133, 134. Although Physics 127 is an acceptable prerequisite for Physics 132, a calculus-based course such as Physics 131 or 191 is recommended.

Prerequisites

MATH 212 (may be taken concurrently) and PHYS 127 or 131 or 191 or permission of instructor.

PHYS 191 Integrated Science/Math/Computer Science 4 with Laboratory

Units: 1

Description

One of two courses taught spring semester as part of Integrated Quantitative Science program. Each semester of the course will be organized around a guiding principle that integrates several concepts. Along with co-requisite, will include ten hours for lecture and lab combination.

Prerequisites

High school calculus. BIOL 190 and MATH 190. Co-requisite: CHEM 191. Acceptance to Integrated Quantitative Science course required.

PHYS 201 Einstein's Relativity

Units: .5

Description

Focuses primarily on special relativity as it relates to time, space, velocity, momentum, and energy. This course is identical to the first half of PHYS 205, and meets concurrently with it for the first 7 weeks of the semester.

Students may not earn credit for both PHYS 201 and PHYS 205.

Prerequisites

PHYS 132, PHYS 133, PHYS 134, or PHYS 191

PHYS 202 Particle/Wave Duality and the Quantum Revolution

Units: .5

Description

Introduces ideas of particle/wave duality that are central to understanding quantum mechanics, a major revolution in early 20th century physics. This course is identical to the second half of PHYS 205, and meets concurrently with it for the second 7 weeks of the semester. Students may not earn credit for both PHYS 202 and PHYS 205. Students are strongly encouraged to take either PHYS 202 or PHYS 205 before taking PHYS 309.

Prerequisites

PHYS 132, PHYS 133, PHYS 134, or PHYS 191

PHYS 203 Systems Biology

Units: 1

Description

Introduction to the fundamentals of systems biology, an emerging field that focuses on complex interactions in biological systems. Topics chosen come from the perspective of the design of biological circuits. For students in the biological sciences, physics, chemistry, and mathematics interested in quantitative biology and the interface between the biological and physical sciences. No laboratory.

Prerequisites

PHYS 131 and BIOL 199 and MATH 211, and CMSC 150 or 155; Or PHYS 191 and CHEM 191.

PHYS 205 Introduction to Modern Physics

Units: 1

Description

Introduction to topics in 20th-century physics including special relativity, quantum mechanics, and statistical physics. The first half of this course is identical to, and meets concurrently with, PHYS 201. The second half of this course is exactly identical to, and meets concurrently with, PHYS 202. Students may not earn credit for both PHYS 205 and either PHYS 201 or PHYS 202. Students are strongly encouraged to take either PHYS 202 or PHYS 205 before taking PHYS 309.

Prerequisites

PHYS 132 or 133 or 134 or 191

PHYS 215 Computational Methods in Physics

Units: 1

Description

Project-oriented: applying computers to solution of problems in physical sciences.

Prerequisites

PHYS 132 or 133 or 134 or 191 and some familiarity with at least one higher-level computer language.

PHYS 216 Electronics

Units: 1

Description

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.

Prerequisites

PHYS 127-128 or 132 or 191.

PHYS 221 Intermediate Laboratory

Units: 1

Description

Experiments in classical and modern physics emphasizing independent work. Six laboratory hours per week.

Prerequisites

(PHYS 127 and 128) or (PHYS 132 or 191).

PHYS 231 Experimental Physics

Units: 1

Description

Focuses on optics. Includes the study of (1) ray optics: lenses, system of lenses, lens aberrations (2) scalar wave optics: diffraction, interference (3) polarization of light: states of polarization, polarizers, wave retarders. Emphasizes the relation between experiment and theory through hands-on experience. Data analysis and its theoretical interpretation is a central part of the course. Upper level laboratory course for science majors, emphasizing independent work. Consists of six laboratory hours per week. Students, working in pairs, will spend approximately 2 weeks on each of 6-7 experimental projects.

Prerequisites

PHYS 132.

PHYS 301 Mathematical Methods in Physics

Units: 1

Description

Selected mathematical topics needed for upper-level work in physics. Topics taken from vector calculus, matrices, calculus of variations, orthogonal functions, and complex analysis.

Note: PHYS 301 is typically offered only in the fall semester.

Prospective physics majors are strongly encouraged to take PHYS 301 in the fall semester of the sophomore year. PHYS 301 is a prerequisite for PHYS 303, 305, 308, 309, and some special topics courses.

Prerequisites

PHYS 132 or 133 or 134 or 191

PHYS 303 Mechanics

Units: 1

Description

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.

Prerequisites

PHYS 301 or permission of department.

PHYS 305 Electricity and Magnetism I

Units: 1

Description

Electrostatic fields and potentials, dielectrics, magnetic fields, and potentials. Maxwell's equations, electromagnetic waves.

Prerequisites

PHYS 301 or permission of department.

PHYS 306 Electricity and Magnetism II

Units: 1

Description

Electrostatic fields and potentials, dielectrics, magnetic fields, and potentials. Maxwell's equations, electromagnetic waves.

Prerequisites

PHYS 305.

PHYS 308 Statistical Mechanics

Units: 1

Description

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. (Same as Chemistry 308.)

Prerequisites

PHYS 301 or permission of department.

PHYS 309 Quantum Mechanics I

Units: 1

Description

Wave mechanics and quantization; Schroedinger equation for variety of potentials; hydrogen atom in detail; perturbation methods. (Same as Chemistry 401.)

Prerequisites

CHEM 310 or PHYS 301 or permission of department.

PHYS 310 Quantum Mechanics II

Units: 1

Description

Wave mechanics and quantization; Schroedinger equation for variety of potentials; hydrogen atom in detail; perturbation methods. (Same as Chemistry 402.)

Prerequisites

PHYS 309.

PHYS 381 Research

Units: 0, .25, or .5

Description

Laboratory or independent study. 0.5 units requires six hours per week. PHYS 381 may be taken a maximum of four times. Both available for 0, .25, or .5 units.

Prerequisites

Permission of department.

PHYS 397 Junior Seminar

Units: 0

Description

Required of all third-year physics majors. Does not count in units required for minor.

PHYS 398 Junior Seminar

Units: .5

Description

Required of all third-year physics majors. Does not count in units required for minor.

Prerequisites

PHYS 397

PHYS 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

PHYS 479 Special Topics

Units: .5-1

Description

Topics include particle and nuclear physics, solid state, modern optics, relativity, field theory.

Prerequisites

Permission of department.

PHYS 497 Senior Seminar

Units: 0

Description

Required of all senior physics majors. Does not count in units required for minor.

PHYS 498 Senior Seminar

Units: .5

Description

Required of all senior physics majors. Does not count in units required for minor.

Prerequisites

PHYS 497

## Political Science

*Richard Dagger, Chair*

*Professors Carapico, Dagger, Erkulwater, Joireman, Kandebe, Legro, Mayes, Palazzolo*

*Associate Professors Bonie, Cherry, Datta, Long, McGowen, Pribble, Roof, Simon, Simpson, Sznajder Lee*

*Assistant Professor Chen*

### The Political Science Major

Note: The grade point average of the coursework in political science comprising the major, must be 2.00 or above with no course grade below C- (1.7).

10 units, including:

PLSC 220 Introduction to American Government

Two courses, chosen from:

PLSC 240 Introduction to Comparative Politics

PLSC 250 Introduction to International Relations

PLSC 260 Introduction to Public Policy

PLSC 270 Social Science Inquiry

One unit, chosen from:

PLSC 311 Classical Political Thought

PLSC 312 Modern Political Theory

PLSC 315 American Political Theory

PLSC 400 Senior Seminar

Four elective units at the 300 level.

Note:



The major must include a minimum of six units of University of Richmond political science courses. No more than two units of credit toward the major can be given for courses, including cross-listed courses, offered by other departments or schools at the University.

With Department approval (by the Chair), students may transfer credit for up to three courses that count toward the Political Science major.

Study abroad and internships also are encouraged. Students who have an interest in attending law school should consult with the pre-law advisor; students interested in attending graduate school should consult with the department chair about undergraduate courses that they should consider taking.

### Honors Program

The political science honors program recognizes the most distinguished majors, who complete an advanced course of study, culminating in an honor's thesis. In order to be eligible, students must have completed 22 units of course work overall and at least six units in political science (including Social Science Inquiry) by end of junior year, with an overall and political science grade point average of 3.7 or above, and must be recommended by at least one full-time member of the Department of Political Science. Accepted honors students complete four units of designated honors coursework, including 11 units of political science courses. Honors course work may include honors seminars, standard elective courses with special work above and beyond the norm, or honors independent study courses, though at least two units must be from honors independent study (PLSC 491 and PLSC 492) devoted to proposing, researching, and writing an honors thesis in the senior year. A prospectus for the honors thesis topic must be approved before the end of the second semester junior year, at which time the candidate must identify a thesis advisor and a second reader. The thesis will fulfill the senior capstone requirement for the major; honors students are exempt from taking PLSC 400. Honors students must successfully defend their thesis before a committee of at least two readers, including the thesis advisor, and present their research at the School of Arts & Sciences Student Symposium in April of the senior year..

### Courses

PLSC 220 Introduction to American Government

Units: 1

Description

Basic roles, structures, and functions of American political institutions and introduction to American political process.

PLSC 240 Introduction to Comparative Politics

Units: 1

Fulfills General Education Requirement (FSSA)

Description

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.

PLSC 250 Introduction to International Relations

Units: 1

Fulfills General Education Requirement (FSSA)

Description

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.

PLSC 260 Introduction to Public Policy

Units: 1

Fulfills General Education Requirement (FSSA)

Description

Contemporary social and economic problems in America, public policies adopted or proposed to deal with them, and ways of analyzing those problems and policies.

PLSC 270 Social Science Inquiry

Units: 1

Description

Introduction to the process of social science research and inquiry. Includes instruction on forming a research question, preparing a literature review, developing a research design, and undertaking analysis using selected quantitative or qualitative empirical analytical tools.

Prerequisites

Political Science 220, 240, 250, or 260

PLSC 279 Special Topics

Units: 1

Description

May be repeated for credit when topic varies.

Prerequisites

Varies depending on topic.

PLSC 290 Mock Trial

Units: .5

Description

Designed for those students who choose to participate in intercollegiate mock trial activities. Graded pass/fail. One half unit per semester may be earned, but no more than 1 unit will be awarded. Units do not count toward completion of the major.

Prerequisites

Spring sections will require departmental approval.

PLSC 310 Statesmanship

Units: 1

Description

(See Leadership Studies 378.)

PLSC 311 Classical Political Thought

Units: 1

Description

Enduring basic issues in political theory studied through writings of Plato, Aristotle, and other thinkers from ancient Greece through the Renaissance.

PLSC 312 Modern Political Theory

Units: 1

Description

Ideas of major political philosophers from the 17th, 18th, 19th, and 20th centuries, such as Hobbes, Locke, Rousseau, Burke, Hegel, Marx, Tocqueville, and J. S. Mill.

PLSC 315 American Political Theory

Units: 1

Description

Political thought in America from colonial times to present with an emphasis on issues relating to liberty, equality, federalism, community, and national purpose.

PLSC 323 Money, Politics and Prisons

Units: 1

Description

The connections between the economy, politics, and the prison system in the United States are important for understanding concepts of justice in a democracy. Explores links between privatization of prisons, political incentives, and theories of justice.

Prerequisites

Political Science 220.

PLSC 325 Racial Politics

Units: 1

Description

Comparative examination of the history, problems and political role of minority groups in the U.S., with a concentration on the African-American political experience.

Prerequisites

Political Science 220.

PLSC 326 United States Congress

Units: 1

Description

Organization and functions of American Congress.

Prerequisites

Political Science 220 or permission of instructor.

PLSC 327 The American Presidency

Units: 1

Description

Political leadership in American political system from perspective of chief executive. Particular attention to expansion and use of presidential power.

Prerequisites

Political Science 220 or permission of instructor.

PLSC 328 American Political Parties

Units: 1

Description

Examines American political parties as organizations and their role in elections, government, and public policy. Also explores how parties have changed over time and the causes and effects of growing party polarization.

Prerequisites

PLSC 220 or PLSC 260

PLSC 329 Campaigns and Elections

Units: 1

Description

Analysis of institutions and process of American electoral system and behavior of American electorate.

Prerequisites

Political Science 220 or permission of instructor.

PLSC 330 Creation of the American Republic

Units: 1

Description

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. Primary focus historical.

PLSC 331 Constitutional Law

Units: 1

Description

Role of United States Supreme Court in American politics studied through examination of landmark constitutional decisions pertaining to distribution of governmental powers.

Prerequisites

Political Science 220 or Political Science 260 or permission of instructor.

PLSC 333 Civil Rights/Liberties

Units: 1

Description

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.

Prerequisites

Political Science 220 or Political Science 260 or permission of instructor.

PLSC 337 The American Legal System

Units: 1

Description

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.

Prerequisites

Political Science 220 or Political Science 260 or permission of instructor.

PLSC 339 Jurisprudence in Contemporary American Politics

Units: 1

Description

Explores basic questions about the nature and function of law as an instrument of state power that are deeply interconnected with a wide range of political and legal problems.

PLSC 341 Humanitarian Interventions

Units: 1

Description

Addresses the changing international legal framework regarding humanitarian interventions. Surveys the literature addressing the effectiveness of external Interventions.

Discussion of the justifications and consequences of intervention. Application to contemporary conflicts. Reviews changing ideas of sovereignty and the ramifications of state decisions to intervene in the internal affairs of other states.

Prerequisites

PLSC 240 or 250 or GS 290.

PLSC 342 Transitions from Communism in Europe and Eurasia

Units: 1

Description

An overview of developments in the postcommunist region while focusing on the politics of simultaneous triple transition from communist rule: political, economic, and social. Pays particular attention to the determinants of diverse trajectories followed by countries in the postcommunist world as it examines new EU member states, Russia, and the other members of the Commonwealth of Independent States (CIS).  
Prerequisites  
Political Science 240 or permission of instructor.

PLSC 343 Politics of Asia  
Units: 1

Description  
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.  
Prerequisites  
Political Science 240 or permission of instructor.

PLSC 344 Europe Today  
Units: 1

Description  
An examination of political, social, and economic developments in Europe (both western and east-central) since World War II. Topics include European integration and the development of the European Union institutions, postcommunist transitions and their consequences, and the domestic politics of selected European states.  
Prerequisites  
Political Science 240 or permission of instructor.

PLSC 345 Politics of China, Hong Kong and Taiwan  
Units: 1

Description  
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.

PLSC 346 Politics of Cultural Pluralism  
Units: 1

Description  
Comparative examination of politicization of race, ethnicity, religion, and caste in contemporary world.  
Prerequisites  
Political Science 220, 240, or 250 or Global Studies 290 or permission of instructor.

PLSC 347 Politics of Developing Nations  
Units: 1

Description  
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.  
Prerequisites  
PLSC 240 or 250.

PLSC 348 Politics of Africa  
Units: 1

Description  
Comparative study of state formation, nation-building, political economy, social structure/movements, selected regions and countries in Africa.  
Prerequisites  
Political Science 240 or 250 or permission of instructor.

PLSC 349 Politics of Latin America and the Caribbean  
Units: 1

Description  
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.

PLSC 350 American Foreign Policy  
Units: 1

Description  
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.  
Prerequisites  
Political Science 220 or 250 or permission of instructor.

PLSC 351 Globalization  
Units: 1

Description  
Analysis of the political, economic, and socio-cultural dimensions of globalization. Considers how globalization has affected the nation state, interstate relations, and the democratization and development of countries around the world. Students will evaluate different definitions of globalization; analyze to what extent globalization limits the autonomy of national governments; and consider whether the effects of globalization vary across different regions of the world.  
Prerequisites  
Political Science 240 or 250 or Global Studies 210.

PLSC 352 International Law and Organization  
Units: 1

Description  
Development, processes and functions of contemporary international law and organization. Emphasis on conflict management, promotion of economic and social welfare, and development of community.  
Prerequisites  
Political Science 250 or permission of instructor.

PLSC 353 International Security  
Units: 1

Description  
Investigates international issues that threaten the security and prosperity of societies and individuals in the modern world. Issues include global terrorism, human slavery and trafficking, genocide, civil wars and insurgencies, and the proliferation of weapons of mass destruction.  
Prerequisites  
Political Science 250 or Military Science 205

PLSC 355 International Relations of the Middle East

Units: 1

Description

The international relations of southwest Asia and northeast Africa with an emphasis on issues related to war, peace, and power, including the role of European empires and the United States in the formation of the regional nation-state system; contemporary conflicts in the Persian Gulf and Israeli-Arab arenas; the political economy of oil; terrorist attacks and counter-terror strategies; and American foreign policy toward the region.

Prerequisites

Political Science 250.

PLSC 356 International Political Economy

Units: 1

Description

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.

Prerequisites

Political Science 250 or permission of instructor.

PLSC 357 International Relations of East Asia

Units: 1

Description

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).

Prerequisites

Political Science 240 or 250.

PLSC 359 Global Governance

Units: 1

Description

Analyzes themes and selected topics in global governance. It explores how state and nonstate actors work together to confront and solve contemporary transnational challenges.

Prerequisites

Political Science 250

PLSC 360 International Development Policy

Units: 1

Description

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.

Prerequisites

Political Science 250 or permission of instructor.

PLSC 361 The Politics of Social Welfare

Units: 1

Description

Study of the development and effectiveness of programs in the United States that seek to promote economic equality and alleviate need. A focus on programs for both the poor and the middle class.

Prerequisites

Political Science 220, 260, or Sociology 101 or permission of instructor.

PLSC 362 Environmental Law and Policy

Units: 1

Description

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.)

Prerequisites

Political Science 260 or Environmental Studies 201.

PLSC 363 Global Health, Infectious Disease, and Human Rights

Units: 1

Description

Examines what makes us sick, what keeps us healthy, and what it would take to give good health the upper hand in developing countries. Over the past 150 years, major breakthroughs in public health have enabled humans to live longer, healthier, and more productive lives. The benefits of public health have yet to be extended to many of the poorest nations. In the past two decades, infectious diseases that had nearly been conquered have come surging back, while devastating new diseases have emerged.

PLSC 364 Child Health and Policy

Units: 1

Description

Integrates the study of child health in the United States, focusing on three different policy "worlds" that affect children's well-being: education, physical health, and mental health. Examination of public policies intended to safeguard children's health, educational opportunities, general welfare in the U.S., and judgement of their effectiveness. Emphasis will be placed on dilemmas inherent in policy issues, the political and organizational processes used to influence policy, the process of policy formulation, and the use of frameworks for analyzing public policies aimed at children.

Prerequisites

(PSYC 100 and PSYC 200) or PLSC 260

PLSC 365 U.S. Healthcare Policy and Politics

Units: 1

Description

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.

PLSC 366 Poverty and Political Voice

Units: 1

Description

Examines how well our nation's antipoverty policies alleviate the hardships faced by residents of these communities and assesses the ability of the poor to mobilize for effective social change in their communities. Includes a required community-based learning component.

Prerequisites

Political Science 220 or 260 or Sociology 101

PLSC 379 Selected Topics

Units: 1

Description

Examples include comparative public-policy, constitutional politics, political terrorism, and public policy decision making. May be repeated for credit when topic varies.

PLSC 388 Individual Internship

Units: .5-1

Description

No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of department chair.

PLSC 390 Independent Study

Units: .5-1

Prerequisites

Permission of department chair.

PLSC 395 Legislative Internship

Units: 2

Description

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.

PLSC 400 Senior Seminar

Units: 1

Description

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 seven units in political science, including 270

PLSC 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

PLSC 491 Honors Independent Research and Writing

Units: 1

Description

Reading and research toward an honors thesis.

Prerequisites

PLSC 270 and acceptance in departmental Honors program.

PLSC 492 Honors Independent Research and Writing

Units: 1

Description

Reading and research toward an honors thesis.

Prerequisites

PLSC 270 and acceptance in departmental Honors program.

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## Psychology

*Cindy Bukach, Chair*

*Professors Allison, Berry, Crawford, Lambert*

*Associate Professors Bukach, Knouse*

*Assistant Professors Jobe-Shields, Kochel, Lowder, Lundberg, Nonterab*

*Clinical Assistant Professor LeViness*

The Department of Psychology offers a rigorous, graduated curriculum that combines the highest expectations of achievement in an environment rich in opportunities for intellectual stimulation and growth. Our primary mission is to provide an academic setting for students to become knowledgeable, skilled, reflective, and highly accomplished, preparing them to excel in the best graduate and professional schools and in the most competitive, creative employment contexts. We prepare students to lead productive lives characterized by an inquiring attitude, engagement in the life of mind, and immersion in the larger community. Our faculty are dedicated to excellence in teaching and scholarship, and seek to cultivate in students a love of learning and involvement in their academic community by providing multi-layered mentoring opportunities. The department strives to educate and train its students to reach their potential.

The psychology faculty believe that education is as much an activity as it is a body of knowledge. As professors, we embrace pedagogical approaches that emphasize the scientific method; curiosity about the world and its phenomena; intellectual challenge and complexity; familiarity with primary source materials; interactive and collaborative learning; critical and analytical thinking; mastery in oral and written expression and communication; and the historical and philosophical foundations of psychological science. We value psychology's connections to the arts, humanities, and natural sciences; we teach professional ethics; we embrace diverse perspectives and individual differences; and we promote student involvement in local and international culture, community, and society. These curricular emphases reflect our educational goals and aspirations. They represent directions for fostering, challenging, and strengthening our students' intellectual experience, and they pervade all levels of our curriculum, from the introductory to the most advanced. Collaborative research pursuits between faculty and students are the centerpiece of the psychology major.

### The Psychology Major

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

### For the Bachelor of Arts degree

10 units, including:



PSYC 100 Introduction to Psychological Science  
PSYC 200 Methods and Analyses  
PSYC 299 Integrated Topics  
PSYC 300 Methods and Analyses Core Project  
One course from Psychology 310-Psychology 329  
One course from Psychology 330-Psychology 349  
One course in the Psychology 433-Psychology 449 series  
Three electives at the 300 or 400 level

**For the Bachelor of Science degree**

14 units, including:

PSYC 100 Introduction to Psychological Science  
PSYC 200 Methods and Analyses  
PSYC 299 Integrated Topics  
PSYC 300 Methods and Analyses Core Project  
One course from Psychology 310-Psychology 329  
One course from Psychology 330-Psychology 349  
One course in the Psychology 433-Psychology 449 series  
Three electives at the 300 or 400 level  
MATH 211 Calculus I  
MATH 212 or MATH 232 Calculus II

One unit, chosen from:

CMSC 150 Introduction to Computing  
CMSC 155 Introduction to Scientific Computing  
MATH 235 Multivariate Calculus  
MATH 245 Linear Algebra  
MATH 312 Differential Equations

One unit, chosen from:

CHEM 141 Chemistry: Structure, Thermodynamics, and Kinetics  
PHYS 127 Algebra-Based General Physics 1 with Lab -  
PHYS 128 Algebra-Based General Physics 2 with Lab  
PHYS 131 Calculus-Based General Physics 1 with Lab -  
PHYS 132 Calculus-Based General Physics 2 with Lab

Note: No more than one unit of PSYC 299 may be applied to the 10 units required in psychology. No more than one unit of internship and two units of 300-level research coursework (PSYC 300 and/or PSYC 361) may be applied to the major.

**The Psychology 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).

Seven units, including:

PSYC 100 Introduction to Psychological Science  
PSYC 200 Methods and Analyses  
PSYC 299 Integrated Topics  
One course from Psychology 310-Psychology 329  
One course from Psychology 330-Psychology 349  
Two electives at the 300 or 400 level

Note: No more than one unit of 300-level research coursework (PSYC 300 and/or PSYC 361) may be applied to the minor.

**The Senior Capstone Experience**

The 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**

One advanced seminar. One course in the Psychology 433-Psychology 449 series to be taken during the fall or spring semester of the student's senior year.

**Option 2**

Senior research and one advanced seminar. One course in the Psychology 433-Psychology 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 in PSYC 461 and PSYC 462 courses.

**Option 3**

Senior honors research and two advanced seminars. One course in the Psychology 433-Psychology 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 in PSYC 491 and PSYC 492 courses. To qualify for the honors program, students must graduate with a cumulative GPA of at least 3.5.

### Related Fields

Interdisciplinary concentration in neuroscience for biology and psychology majors

Interdisciplinary major in cognitive science

### Study Abroad

Psychology majors are encouraged to study abroad. Students should plan to take their 300-level laboratory courses at UR and use their time abroad to take electives for the major, as well as other courses outside of the major that they need for graduation. 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. More information is available here:

[psychology.richmond.edu/study-abroad/index.html](http://psychology.richmond.edu/study-abroad/index.html)

### Honors Program

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

1. Two courses from Psychology 433-Psychology 449 series;
2. PSYC 491;
3. PSYC 492;
4. Honors thesis;
5. Cumulative GPA of at least 3.5 by the time of graduation.

### Courses

PSYC 100 Introduction to Psychological Science

Units: 1

Fulfills General Education Requirement (FSSA)

Description

Overview of the study of human behavior, with emphasis on scientific reasoning and the technological skills involved in the process of conducting psychological research and understanding human behavior. Two and a half lecture and one and a quarter laboratory hours per week.

PSYC 200 Methods and Analyses

Units: 1

Description

Introduction to research methods and statistical procedures in psychological science. Emphasis on mastering fundamental scientific, reasoning, and technological skills associated with literature review, research design, experimental manipulation, data collection, data analysis, data graphics, data interpretation, data presentation, and scientific writing. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 100 with a grade of C- or better.

PSYC 299 Integrated Topics

Units: 1

Description

Courses that provide an integrative perspective of psychological theories, issues, and research across two or more disciplinary (or interdisciplinary) contexts. A maximum of 1 unit of PSYC 299 may be applied to the major.

Prerequisites

Psychology 100 with a grade of C- or better.

PSYC 300 Methods and Analyses Core Project

Units: 1

Description

Puts the principles learned in 'PSYC 200: Methods and Analyses' into practice in the pursuit of new scientific knowledge. Collaborative, project-based learning approach, students formulate new research questions based on critical evaluation of existing knowledge, design and conduct powerful, feasible, and ethical studies to answer new questions, analyze and interpret data thoughtfully, communicate effectively about research processes and outcomes. Note: No more than 2 units of 300-level research coursework (PSYC 300 and/or PSYC 361) may be applied to the major.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 311 Child Development

Units: 1

Description

Critical examination of research and theory on developmental changes and processes from prenatal through preadolescent periods. Emphasis on theoretical and empirical work on social, emotional, and cognitive development and on various developmental contexts. Includes an intensive laboratory experience focusing on conceptual, methodological, and analytical skills employed in the study of child development. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 313 Social Psychology

Units: 1

Description

Critical overview of current theory and research in social psychology, with emphasis on conceptual and empirical work on social inference, stereotyping, self processes, social influence, affective processes, attraction, interpersonal processes, altruism, aggression, and group dynamics. Includes an intensive laboratory component focusing on conceptual, methodological, and analytical skills associated with social psychological inquiry. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 315 Adult Development

Units: 1

Description

Critical examination of changes and stability in behavior from late adolescence through advanced old age, including perception, intelligence, memory, personality, emotion, social networks, death/dying, creativity, and wisdom. Emphasis on theory, research, and applications in class with intensive laboratory component. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 319 Psychopathology

Units: 1

Description

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. Intensive co-requisite laboratory experience focused on conceptual, methodological, and analytical skills used in clinical psychology and investigation of psychopathology and behavior disorders. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 321 Principles of Behavior

Units: 1

Description

Critical examination of research and theory in fundamental principles of behavior including operant and respondent learning and rule-governed behavior in humans and non-human animals. Intensive co-requisite laboratory experience focused on applied behavior analysis skills and single-subject research design used in behavioral and clinical psychology. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 323 Health Psychology

Units: 1

Description

The interaction between biological, psychological and social aspects of health. Emphasis on theory, research, and applications in lecture with intensive laboratory component on research design, data analysis and application of health psychology. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 325 Science of Emotion

Units: 1

Description

Critical overview of current theory and research in affective (emotion) science. Some questions that the course will address include: What is an emotion? Where do emotions come from? What purposes do emotions serve? Emphasis on an integrative approach incorporating biological, clinical, cognitive, developmental, and sociocultural perspectives. Includes an intensive laboratory component focusing on methodological and analytical skills associated with affective scientific inquiry. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 329 Special Topics

Units: 1

Description

Critical examination of concepts in one of the following areas of psychology, including but not limited to life span development, clinical and abnormal, social cognition, health,

learning and memory, cross-cultural, personality, human diversity, and other specialized topics in the developmental, clinical, and social psychological sciences. Emphasis on theory, research, and applications in lecture with intensive laboratory component. May be repeated for credit when topic differs. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 331 Behavioral Neuroscience

Units: 1

Description

Focus on the neural regulation of behavior, from animal to human. Intensive lab component with techniques and approaches used in design, execution, and analysis of research in behavioral neuroscience. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 333 Cognitive Science

Units: 1

Description

Examines the nature, function, and mechanism of mental structures that process and represent information, in humans as well as other intelligent agents. Cognitive science integrates methods drawn from psychology, neuroscience, philosophy, computer science, linguistics, and anthropology. Intensive lab component applies techniques from various fields, emphasizing human experimentation and the observation, analysis, and design of simulated creatures. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 337 Human Cognition

Units: 1

Description

Examines the experimental study of cognition, including perception, attention, memory, decision making, and problem solving. An intensive lab component emphasizes experimental design, data analysis, and applications in each subtopic of Cognitive Psychology. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

PSYCH 200 with a grade of C- or better.

PSYC 341 Cognitive Neuroscience

Units: 1

Description

Critically examines what brain injury and cognitive deficits can tell us about the relationship between brain and behavior. Covers the functional anatomy of the major cognitive systems, including action, object recognition, attention, memory, language, emotion, and executive function. Includes an intensive laboratory experience focusing on research skills employed in the field of cognitive neuroscience. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 343 Psycholinguistics

Units: 1

Description

Critical examination of the cognitive processes that underlie language production, comprehension, and acquisition. Covers the mental representations involved in a range of linguistic abilities including speech perception, word recognition, sentence parsing, ambiguity resolution, figurative language interpretation, and bilingualism. Includes an intensive laboratory component focusing on methodological approaches and data analytic techniques in language science.

Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

PSYC 200 with a grade of C- or better.

PSYC 349 Special Topics

Units: 1

Description

Critical examination of concepts in one of the following areas of psychology, including but not limited to psycholinguistics, stress, sensation and perception, animal behavior, and other specialized topics in the cognitive and brain sciences.

Emphasis on theory, research, and applications in lecture with intensive laboratory component. Two and a half lecture and one and a quarter laboratory hours per week.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 350 Selfhood

Units: 1

Description

Critical examination of the nature, function, and development of the human self. Explores the dynamic, open-ended qualities of the healthy, normal self and focuses in particular on the construction of self-identity.

PSYC 351 Religion and Psychology

Units: 1

Description

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, touching upon the religious underpinnings of modern psychology and looking into the psychological foundations of religious experience, doctrine, ritual, and belief. (Same as Religion 364.)

PSYC 352 Choice and Decision Making

Units: 1

Description

Critical examination of theories, concepts, and applications in the areas of human choice, judgment, and decision-making. Rational models of choice will be compared and contrasted with strategies that typify human behavior. Also focuses on applications of theoretical concepts to a variety of choices in everyday life as well as to major life decisions.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 353 Clinical Neuroscience

Units: 1

Description

A critical examination of the neurobiological mechanisms of mental illness. Current biobehavioral perspectives of potential causes and treatments of psychiatric illnesses such as

depression, obsessive-compulsive disorder and schizophrenia are considered. An emphasis is also placed on the importance of emotional resilience and its protective role in the emergence of psychiatric illnesses.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 359 Special Topics

Units: 1

Description

Special course offerings to explore specific direction within interdisciplinary area of psychology. May be repeated for credit when topics vary.

Prerequisites

Stated when course is offered.

PSYC 361 Independent Research

Units: .5-1

Description

Individual research conducted in collaboration with faculty.

Note: No more than 2 units of 300-level research coursework (PSYC 300 and/or PSYC 361) may be applied to the major.

Prerequisites

Psychology 200 with a grade of C- or better and permission of supervising instructor prior to registration.

PSYC 388 Individual Internship

Units: .5-1

Description

Supervised independent work in field setting designed to give student applied experience after completion of appropriate coursework in psychology. Requires consultation with and approval by department chair. No more than 1.5 unit of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Available as pass/fail only.

Prerequisites

Psychology 299 appropriate to the internship setting.

PSYC 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

PSYC 433 Multivariate Statistics

Units: 1

Description

Multiple variable research design and applied multivariate analyses, including, but not limited to multiple regression, factor analysis, structural equation modeling, hierarchical linear modeling, and multivariate analysis of variance.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 444 Clinical Case Studies

Units: 1

Description

Intensive seminar that examines select clinical case studies and their contributions to our understanding of brain-behavior relationships. Special emphasis will be placed on the power and limits of the double dissociation methodology: contrasting patients with opposing patterns of deficits.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 449 Advanced Seminar

Units: 1

Description

Intensive seminar intended for seniors and advanced juniors, based on faculty expertise and research specializations, and offered regularly in fall and spring semesters for capstone requirement.

Prerequisites

Psychology 200 with a grade of C- or better.

PSYC 461 Senior Research

Units: 1

Description

Intensive year-long research project for seniors, requiring conception, completion, and presentation of a research thesis under faculty mentorship.

Prerequisites

PSYC 200

PSYC 462 Senior Research

Units: 1

Description

Intensive year-long research project for seniors, requiring conception, completion, and presentation of a research thesis under faculty mentorship.

Prerequisites

PSYC 461

PSYC 491 Senior Honors

Units: 1-1

Description

Intensive year-long research project for seniors who meet requirements for University and department honors programs, requiring conception, completion, and presentation of senior honors thesis under faculty mentorship.

Prerequisites

Departmental invitation. PSYC 200.

PSYC 492 Senior Honors

Units: 1-1

Description

Intensive year-long research project for seniors who meet requirements for University and department honors programs, requiring conception, completion, and presentation of senior honors thesis under faculty mentorship.

Prerequisites

Departmental invitation. PSYC 491.

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## Religious Studies

*Douglas L. Winiarski, Chair*

*Professors Cobb, Davis, Eakin, Geaney, Winiarski*

*Associate Professors Hanaoka, Shaw*

The religious studies 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 Religious 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- (1.7).

Nine units, including:

Four units at the 300 level, excluding RELG 388, RELG 395, RELG 396

Five elective units in religious studies

The religious studies major is designed to offer students a broad education while providing them with the interpretive tools from the field of religious studies. The department encourages double majors. In addition, cognate courses in other departments may be included within the required nine units, with the approval in advance of the religious studies department. Under no circumstances will more than two extra-departmental courses be accepted as part of those nine units.

### The Religious 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- (1.7).

Five units, including:

At least two units at the 300 level, excluding RELG 388, RELG 395, RELG 396

Three elective units in religious studies

The religious studies minor is designed to provide basic grounding in the academic study of religion. The religious studies minor requires five units in religion, reflecting the diversity of areas and approaches that make up the religious studies department.

### 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-RELG 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.

### Courses

RELG 200 Symbol, Myth and Ritual

Units: 1

Fulfills General Education Requirement (FSSA)

Description

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.

RELG 201 The Bible as Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

A non-confessional study of the diverse genres of Biblical literature, viewing passages in historical context to understand the multiple layers of the intended message: period about which written, the time of the writer, and the time of the recipient. Within Biblical exegesis, primary emphasis is given to literary and historical criticism.

RELG 210 Religion and History

Units: 1

Fulfills General Education Requirement FSHT

Description

Investigation of the nature and limits of historical inquiry through selected historical topics, periods, and religious traditions. May be repeated when topics change.

RELG 230 The History of Israel

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Israel's historical development through collaborative study of Israel's ideas and institutions within context of Ancient Near East.

RELG 240 Lost Christianities

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Explores the varieties of Christianity that co-existed from Jesus' death in the middle of the first century through the end of the second century. Included in these are Jewish-Christians, Marcionites, Montanists, and Gnostics. A variety of primary texts in translation will be read to understand better the struggle between forms of early Christianity and the way that one form became dominant and, thus, "orthodox."

RELG 241 Introduction to New Testament

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Survey of history of early Christianity, from Jesus and his religious background to the third century C.E. Focus on primary texts: New Testament and other early Christian literature.

RELG 242 Jesus in History and Tradition

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Investigates diversity of historical sources for Jesus. Detailed attention to selected ancient documents and modern interpretations.

RELG 243 Ancient Mediterranean Religions

Units: 1

Description

Religious and philosophical movements, besides Christianity, that flourished in Mediterranean world 200 B.C.E. to 200 C.E. Focus on "Greco-Roman" religions, Judaism, and Gnosticism.

RELG 244 Sex and Family in the Greek and Roman Worlds

Units: 1

Fulfills General Education Requirement FSSA

Description

Explores intersections of gender with various aspects of social identity in selected religions, with emphasis on theoretical and empirical approaches.

RELG 250 Introduction to World Religions

Units: 1

Description

Survey of major beliefs, practices, symbols, and sacred texts in selected religious traditions.

RELG 251 Sacred Arts of India

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Introduction to Indian religions focusing on artistic expressions, roles of yoga and meditation in creativity, and use of images to experience the divine.

RELG 253 Body/Sex in World Religious Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

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.

RELG 255 Queers in Religion

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Introduces the intersections of queerness and religion--ranging from religious homophobia to queer religiosity--in several global religions. Emphasis on fundamental questions of textual interpretation.

RELG 257 Native American Religions

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Survey of selected themes in Native American religious history from prehistory through the new millennium. Will investigate development of complex religious traditions among the mound builder cultures of the southeast; rituals of

trade, healing, and warfare among the Algonquian and Iroquoian peoples of the northeast; the emergence of native prophets and visionaries who employed religious doctrine and ritual in support of military actions against invading American settlers; and Black Elk and Lakota Catholicism. Concludes with topical discussion of religious challenges facing Indian communities today, including the controversial use of the narcotic peyote in the Native American Church, debates over the status of Indian burial remains and sacred space, and the appropriation of indigenous spirituality by New Age gurus and environmentalists.

RELG 258 Religion & the Medieval Imagination

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Introduces ideas and institutions of the Latin west, from Augustine of Hippo (d. 430) to Thomas Aquinas (d. 1274). Topics include faith and reason, the sacraments, pilgrimage, and the ethics of sex, war, and death. Readings of selected cantos from Dante's *Inferno*.

RELG 259 Orientalism, Racism, and Religion

Units: 1

Fulfills General Education Requirement FSLT

Description

Artistic fascination with "the exotic Orient" (the Western perception of Asian culture as mysterious, static, and passive). Focus on film and literature, with attention to the contributing role of religion.

RELG 262 Sacred Arts of Native America

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Introduction to a variety of sacred arts of Native America and religious roles that visual and performing arts serve in Amerindian settings. Students will gain conversance with a range of artistic techniques, materials, and objects and their cultural meanings.

RELG 263 Religion and the Arts

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Interactions of religious beliefs and practices with the visual and performing arts in selected traditions. May be repeated when topics change.

RELG 265 Religion and Moral Decisions

Units: 1

Fulfills General Education Requirement (FSSA)

Description

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.

RELG 267 Varieties of Christian Ethics

Units: 1

Fulfills General Education Requirement (FSSA)

Description

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.

RELG 268 Religion and Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Religious beliefs, practices, and institutions as expressed in literature of various traditions. May be repeated when topics change.

RELG 269 Ethics, Religion and the Environment

Units: 1

Description

Moral and religious issues that attend our life in and interaction with the environment. Through the detailed analysis of text and argument the course seeks to provide an overview of on-going issues and to foster the ability to read and assess arguments from a variety of positions.

RELG 273 Witchcraft and Its Interpreters

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Interdisciplinary exploration of witchcraft, popular magic, and demonic possession in early modern England and British North America based on original legal records and other primary sources. Special attention given to the Salem Witch-hunt and the historical methods employed by contemporary scholars.

RELG 281 Introduction to Islam

Units: 1

Fulfills General Education Requirement (FSHT)

Description

Introductory course on Islam that examines its development as a religious and social movement from its inception to the contemporary period. Focuses on understanding the historical processes that contributed to the development of Islam over time and in different regions. Traces the intellectual history, institutional evolution, and theological developments of Islam, placing these phenomena in their appropriate historical contexts. Approach is both chronological and topical.

RELG 287 Ninety-nine Names of God

Units: 1

Fulfills General Education Requirement FSHT

Description

A historical approach to the foundational concepts, events, and texts in the Islamic tradition, paying particular attention to the Quran and hadith. The Quran is the Muslim scripture and the hadith are accounts of what the prophet Muhammad said or did. Muhammad described God as having ninety-nine names, and this course explores how these names have been interpreted through reference to the Quran and the corpus of hadith material.

RELG 288 Saints and Sinners in Muslim Literature

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Explores the twin concepts of sainthood and sinfulness in Islamic thought and society from their early iterations to their

later developments. Discusses how, when, and why the categories of Sunni, Shi'a, and Sufi developed in the Islamic tradition while introducing their relationships to concepts of sainthood and sinfulness. In the context of discussions about saints and sinners in the Islamic tradition, addresses Muslim understandings of God, humanity, and community and considers how these differ across time and place.

RELG 293 Selected Topics

Units: 1

Description

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.

RELG 294 Selected Topics

Units: 1

Description

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.

RELG 331 The Hebrew Prophets

Units: 1

Description

Study of prophecy which sets this phenomenon within its ancient near eastern context. Focuses on nature of prophecy and the individual prophets of pre-exilic, exilic, and post-exilic derivation, giving emphasis to the distinctive message of each era. Studies an exegesis of the Book of Amos, both to clarify Amos as a prophet and to give indication of an exegetical approach possible for each of the prophets.

RELG 332 Hebrew and Christian Wisdom Literature

Units: 1

Description

Development of biblical wisdom literature. Pre-biblical, Hebrew, and Christian wisdom selections.

RELG 341 Peter, Paul, [Mary] and Mary

Units: 1

Description

Explores the lives and traditions of some of the most significant and intriguing characters in early Christian history.

RELG 342 Whores, Dragons, and the Anti-Christ: Revelation and the Apocalyptic Imagination

Units: 1

Fulfills General Education Requirement (FSLT)

Description

Literary analysis of a text ascribed to John of Patmos, the Book of Revelation. The apocalyptic revelation that is said to have been received by John describes Christian expectations of the end of the world as we know it, but John's is not the only ancient apocalypse; thus, the course will also situate John's text in light of other developments in Christian apocalyptic literature. Centers on genre analysis and interpretation of apocalyptic imagery and symbolism with some attention to modern, cinematic employment of apocalyptic thought.

RELG 345 Christianity and Slavery, Ancient and Modern

Units: 1

Description

Considers the impact of slaveholding culture on Christian thought and practice both in antiquity and in the Americas; also analyzes the circumstances under which individual Christians and church communities accommodated, reformed, resisted, and rejected slaveholding practices.

RELG 347 Women in Early Christianity

Units: 1

Description

Examines the representations of women in early Christianity, focusing primarily on the first four centuries of Christian history, with particular attention given to the problems of using ancient sources to determine social practice. Introduction to constructions of sex and gender in ancient Greek and Roman philosophy and medical literature, the role of women in contemporaneous pagan and Jewish cultures, and intra-Christian conflicts involving the role of women, in particular, martyrdom, orthodoxy and heresy, and asceticism.

RELG 350 The Dao of Sex

Units: 1

Description

For over two thousand years, Chinese culture has developed the "art of the bedchamber" -- techniques for fostering health, longevity, and fulfillment through sexual intercourse. This course explores that tradition with a focus on the period of its origins in Early China and on the implications of its underlying conceptions of human personhood.

RELG 352 Buddhism in India and Tibet

Units: 1

Description

Survey of major historical movements, philosophical developments, and cultural expressions in India and Tibet.

RELG 355 Selected Asian Religions

Units: 1

Description

Intensive study of one of the following religious traditions: Daoism, Confucianism, or Zen.

RELG 356 Religious Thought of the Renaissance and Reformation

Units: 1

Description

Investigates the varieties of religious thought from the 14th to the early 17th centuries, with an emphasis on ideas and arguments in their social and intellectual context.

Prerequisites

Religion 258 or permission of instructor.

RELG 358 Topics in American Religious Traditions

Units: 1

Description

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.

RELG 359 American Judaism

Units: 1

Description

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.

RELG 360 Goddess Traditions Ancient and Modern

Units: 1

Description

Survey of major prehistoric and historical goddesses and exploration of contemporary relevance of goddess spirituality.

RELG 362 Religion and Its Critics

Units: 1

Description

Selected topics and authors in European thought from the 17th century to the 21st. Topics include religion and the rise of science, theism and atheism, evolution, and the "neo-orthodoxy" of Karl Barth.

RELG 364 Religion and Psychology

Units: 1

Description

(See Psychology 351.)

RELG 365 Philosophical Problems in Comparative Religion

Units: 1

Description

Examination of philosophical problems in cross-cultural communication, particularly translation, rationality and relativism. May be repeated for credit when topics vary.

RELG 366 Buddhist Philosophy

Units: 1

Description

Major Buddhist philosophical developments, beginning in India and culminating in contemporary Zen philosophy.

RELG 367 Topics in Western Religious Thought

Units: 1

Description

Selected issues and figures in Western Religious Thought, such as Augustine of Hippo, Thomas Aquinas, 12th Century Renaissance, Religion and the Sciences, and Medieval Religious Orders. May be repeated for credit when topics vary.

RELG 369 Problems in Social Ethics

Units: 1

Description

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.

RELG 370 Leadership and Religious Values

Units: 1

Description

(See Leadership 387.)

RELG 374 Religion and the American Environment

Units: 1

Description

Advanced seminar course exploring representations of the natural world in American cultural history from the era of contact through the nineteenth century. Readings consist of primary sources--landscape paintings, novels, philosophical treatises, poems, sermons, and travel literature--as well as secondary studies of these works by leading scholars in the fields of Anthropology, Art History, Environmental History, Intellectual/Cultural History, Literature, and Religious Studies. Topics covered may include Native American environmental practices, Puritanism and the concept of "wilderness," the place of nature in early American travel narratives and novels, the Hudson River School of landscape painters, and American Transcendentalism.

RELG 375 Cults, Communes and Utopias in Early America

Units: 1

Description

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.

RELG 385 Sufism: Introduction to Islamic Mysticism

Units: 1

Description

Explores the origins and development of mystical thought within Islamic religious and intellectual history and places these developments in their appropriate historical and social contexts.

RELG 388 Individual Internship

Units: .25-1

Description

Application of academic skills and theories in placement supervised by religious studies department faculty member. Application must be presented to and approved by the department prior to internship. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

RELG 393 Selected Topics

Units: 1

Description

Special course offered when sufficient student interest exists in subject matter not covered in other religious studies courses. May be repeated for credit when topics vary. Prerequisites  
Permission of instructor.

RELG 394 Selected Topics

Units: 1

Description

Special course offered when sufficient student interest exists in subject matter not covered in other religious studies courses. May be repeated for credit when topics vary. Prerequisites  
Permission of instructor.

RELG 395 Independent Study

Units: .25-1

Description

Specialized study to provide maximum freedom in research and investigation.

Prerequisites  
Permission of instructor.

RELG 396 Independent Study

Units: .25-1

Description

Specialized study to provide maximum freedom in research and investigation.

Prerequisites  
Permission of instructor.

RELG 403 Honors Course

Units: 1

Description

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, for those accepted in the department honors program. 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.

Prerequisites  
Student must be invited to apply for honors.

RELG 404 Honors Course

Units: 1

Description

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, for those accepted in the department honors program. 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.

Prerequisites  
Student must be invited to apply for honors.

RELG 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites  
Approval for summer Arts and Sciences fellowship by faculty mentor

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## Rhetoric and Communication Studies

*Timothy Barney, Chair*

*Professor Mifsud*

*Associate Professors Achter, Barney, Johnson, Maurantonio*

*Assistant Professors Tilton, Tomns*

*Director of Speech Center Hobgood*

### The Rhetoric and Communication Studies Major

Note: The grade point average for coursework comprising the major must reach a C (2.0) or higher with no course grade counting toward major below a C- (1.7).

10 units, including:

RHCS 103 Rhetorical Theory or RHCS 104 Interpreting Rhetorical Texts

Two units 100-200 level electives

RHCS 295 Topics in Research

Five units 300- or 400-level electives

RHCS 490 Senior Capstone

### The Rhetoric and Communication Studies Minor

Note: The grade point average for coursework comprising the major must reach a C (2.0) or higher with no course grade counting toward major below a C- (1.7).

Six units, including:

RHCS 103 Rhetorical Theory or RHCS 104 Interpreting Rhetorical Texts

One unit 100-200 level electives

RHCS 295 Topics in Research

Three units 300- or 400-level electives

### Honors Program

The Honors Program is designed for outstanding students with intellectual initiative and the desire to pursue academic achievement beyond the level of standard course work. Its purpose is to provide these students the opportunity to broaden and deepen their knowledge of the major field.

#### Eligibility and Admission

To be eligible for admission to the Honors program a student should have:

1. 18.5 or more units of completed work
2. A cumulative grade point average of at least 3.3;
3. or more units in the major field (exclusive of courses primarily for freshmen) with evidence of distinguished achievement.

A student who does not meet these qualifications may be admitted to the Program with the special recommendation of the major department and the approval of the Faculty Committee on the Honors Program.

Students may request consideration by their department, or departments may invite a student to apply.

Each application will include a program of study planned in consultation with the major department and will indicate specifically how the student's Honors Program is to be accomplished. The application, along with an advising copy



of the student's transcript, will then be presented by the department to the Faculty Committee on the Honors Program by about November 15th for the fall term applicant and by about March 15th for the spring term applicant.

#### Program of Study

Each student's program of study will include at least 3.5 units of Honors course work and must meet all Honors requirements set by the major department. Course work may include Honors seminars, Honors independent/directed study courses in which the student meets at least weekly with one or more professors, Honors research courses, and standard courses taken for Honors credit. Standard courses taken for Honors credit may be either (1) courses in the student's regular course of study that require extra work of a kind approved by the departmental Honors committee or (2) courses, approved by the departmental Honors committee, in the student's area of study, that are in addition to any departmental major requirements. Courses of type (1) are the norm. Any program that wishes to incorporate courses of type (2) as part of their Honors requirements must submit significant justification for approval by the Faculty Committee on the Honors Program. No more than two courses may be standard courses taken for Honors credit (and with work appropriate to Honors status).

To demonstrate superior achievement, Honors students are normally required to submit a written Honors thesis to the major department in time for a final grade to be submitted to the registrar. At the discretion of the major department an alternative work that presents a comparable challenge to intellectual initiative and academic achievement may be substituted. All thesis work should be read and evaluated by more than one reader and, if appropriate, presented publicly in a departmental or Arts and Sciences forum. Departments may also require that students pass written and / or oral comprehensive examinations.

All Honors students are to maintain a grade point average of at least 3.3 while participating in the program. Exceptions require approval by the Faculty Committee on the Honors Program.

If at any time the student or the major department decides that Honors work should not continue, the department should submit a request for withdrawal to the Faculty Committee on the Honors Program.

#### Recognition of Honors Work

A student who successfully completes the Honors Program will receive the degree with Departmental Honors, to be noted on the student's permanent record along with the title of the Honors Thesis or comparable work. The student's diploma and the Commencement Program will also indicate achievement of Departmental Honors, and the Honors Thesis or equivalent will be preserved in a separate collection in Boatwright Library..

#### Courses

RHCS 100 Public Speaking  
Units: 1

#### Description

Introduction to the art of public speaking. Students will learn the classical canons of rhetoric: the arts of invention, disposition, style, memory, and delivery. Emphasis is placed on the design and delivery of speeches. Applies to majors/minors and general electives.

#### RHCS 102 Interpersonal Communication

Units: 1

Fulfills General Education Requirement (FSSA)

#### Description

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.

#### RHCS 103 Rhetorical Theory

Units: 1

#### Description

Introduction to theoretical study of rhetoric where we learn to think about language, speech, argument, and symbolic action at large as social forces, influencing how we perceive ourselves and others, how we understand our relationship to local and global communities, and how we address important issues in politics, law, and culture. Applies to majors/minors and general electives.

#### RHCS 104 Interpreting Rhetorical Texts

Units: 1

#### Description

Introduction to critical interpretation of rhetorical texts such as speeches, written arguments, and various media. Topics covered may include audience analysis, lines of reasoning, logical fallacies, modes of proof, evidence types, generic forms, and visual vocabularies. Applies to majors/minors and general electives.

#### RHCS 105 Media, Culture, and Identity

Units: 1

Fulfills General Education Requirement (FSSA)

#### Description

Basic theoretical frameworks and concepts in media studies. Through close analysis of a variety of texts including, but not limited to, films, music, television programs, newspapers, magazines, and websites, explores the ways in which culture is produced and consumed. Case studies and other examples will provide entry points into thinking about how culture shapes and also is informed by individual and collective identities.

#### RHCS 106 Introduction to Cultural Studies

Units: 1

#### Description

Introduces the history and theory of cultural studies, attempting to answer the question of: "what is the context that allows for a specific discourse, politics, ideology, cultural life, or economic situation to emerge?" Covers how the social, the political, the ideological, the cultural, and the economic all "articulate" with one another to make up our contemporary world.

RHCS 279 Special Topics in Rhetoric and Communications Studies

Units: 1

Description

Special topics course offering lower-level/introductory inquiry in rhetoric and communication studies.

RHCS 295 Topics in Research

Units: 1

Description

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. May be repeated for credit when topics differ.

RHCS 302 Advanced Theories in Interpersonal Communication

Units: 1

Description

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.

RHCS 333 Theory and Pedagogy

Units: 1

Description

For students who have successfully applied for positions as student consultants and speech fellows at the speech center.

RHCS 343 Rhetoric and Politics

Units: 1

Description

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.

RHCS 345 Data and Society

Units: 1

Description

Explores how topics such as algorithmic decision making, media manipulation, and "big" data effect our daily lives in the past and present.

RHCS 347 Advertising and Consumer Culture

Units: 1

Description

Critical approach to the study of advertising and consumer culture, challenging students to reconsider entrenched assumptions and ideas about advertising and consumer culture more broadly. Issues of representation, production, reception, and citizenship, considering the material advertisement as well as its relationship to individuals and larger institutional structures. Application of theoretical concepts to historical and contemporary advertisements and objects of consumer culture. Application of different

methodological approaches to the study of advertising including ethnography, focus groups, and textual analysis.

RHCS 349 Memory and Memorializing in the City of Richmond

Units: 1

Description

Examines various sites of memory production (i.e. films, museums, monuments) -- how they have been conceptualized and debated -- and asks students to consider memory not only as an entity used in reconstructing the past but capable of being reconstructed itself. Over the course of the semester, students may take several field trips to historical sites and museums throughout the city of Richmond to experience how memory is reproduced and to consider alternate ways of crafting narratives of the past.

Prerequisites

Determined by instructor.

RHCS 350 Rhetoric in a Globalized World

Units: 1

Description

Exploration of the rhetoric of U.S. internationalism in the 20th century and its impact on the discourse of globalization in the 21st century through close analysis of speeches, public documents, maps, photos, posters, radio, and films. A broad historical/critical perspective is offered on important public arguments pertaining to the global expansion of American power, while also engaging with significant archival and other primary materials from both American and international perspectives. Special attention to the relationship between historical and contemporary rhetorics of intervention, foreign aid, and exceptionalism.

RHCS 352 Media Theory

Units: 1

Description

Introduces alternative media and communication studies theories that include and exceed questions of representation, with special emphasis on the implications of media form on media content. Asks questions about how media are implicated in what many media theorists have called "man," i.e., the human, critically interrogating what this human means in terms of race, gender, class, and sexuality, while also thinking about the relation between said human and media technologies.

RHCS 353 Rhetoric and Law

Units: 1

Description

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.

RHCS 355 Rhetoric, Media, and U.S. Feminism 1830s-1980

Units: 1

Description

A feminist/critical approach to the rhetoric surrounding the early women's rights movement beginning in the 1830s through 1920 and the women's liberation movement starting

in the early 1960s through 1980 approximately. General foci include 1) treatment of women's rhetorical history and social, legal, religious, and psychological obstacles inhibiting their agency and 2) critical treatment of various strategies used by female rhetors to advance their causes. Speeches, essays, conventions, journals, newsletters, parades, and demonstrations may be considered as rhetorical forms.

RHCS 359 Media and War

Units: 1

Description

Engages students in an inquiry into the rhetorical and communicative dimension of war in the twenty-first century.

RHCS 361 Rhetoric, Media, and the 1960s

Units: 1

Description

Examination of political rhetoric of the 1960s including presidential rhetoric and the rhetoric of various social movements: civil rights, anti-war, women's liberation, American-Indian, gay and lesbian, among others. Also explored is the role of the media as shaper and filter of events and as target for diverse audiences to court, exploit, and challenge. Speeches, essays, books, art, television, film, fashion, music, and demonstrations may be explored as rhetorical forms.

Prerequisites

Rhetoric and Communication Studies 104.

RHCS 387 Independent Study in Rhetoric

Units: .25-1

Description

No more than one unit of independent study may count toward the major or minor.

Prerequisites

Permission of instructor.

RHCS 388 Individual Internship

Units: .25-1

Description

Practical application of speech communication principles and skills in a supervised, out-of-class environment. Graded pass/fail only. No more than one unit 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. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Faculty approval before beginning work.

RHCS 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

RHCS 412 Communication Studies Seminar

Units: 1

Description

Special topics courses allow for advanced inquiry and research in Rhetoric and Communication Studies.

RHCS 490 Senior Capstone

Units: 1

Description

Special topics seminar for seniors only focusing on research with an oral presentation requirement. Course is required for the major.

Prerequisites

Senior standing. Rhetoric and communication studies majors only.

RHCS 498 Honors Thesis Writing

Units: 1

Description

Advanced research and writing opportunity for departmental honors students. Requires completion and presentation of honors thesis.

Prerequisites

Participation in department honors program.

RHCS 499 Honors Thesis Writing

Units: 1

Description

Advanced research and writing opportunity for departmental honors students. Requires completion and presentation of honors thesis.

Prerequisites

Participation in department honors program.

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## Russian Studies Program

### Department of Languages, Literatures, and Cultures

*Yvonne Howell, section coordinator*

*Professor Howell*

*Affiliated Faculty: David Brandenberger (History), Jeffrey Hass (Sociology)*

This section contains information specific to courses taught in Russian. Other courses relevant to the Russian Studies major/minor are listed under Languages, Literatures, and Cultures (LLC). For full information regarding departmental policies relevant to all LLC programs, study abroad, and course sequencing, see the main page of the Department of Languages, Literatures, and Cultures.

### The Russian 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- (1.7).

Nine courses, including:

At least four language courses, chosen from the following:

RUSN 201 Intermediate Russian I	Six courses, including:
RUSN 202 Intermediate Russian II	At least three language courses, chosen from the following:
RUSN 305 The Russian Case	RUSN 201 ;Intermediate Russian I
RUSN 315 Verbs for Life	RUSN 202 Intermediate Russian II
RUSN 401 Topics in Advanced Russian I	RUSN 305 The Russian Case
RUSN 402 Topics in Advanced Russian II	RUSN 315 Verbs for Life
RUSN 420 Readings in Russian Literature	RUSN 401 Topics in Advanced Russian I
RUSN 495 Independent Study or 497 Selected Topics	RUSN 402 Topics in Advanced Russian II
Approved advanced language courses taken on Study Abroad	RUSN 420 Readings in Russian Literature
At least two (and up to three) courses chosen from the following, with a CLAC component:	RUSN 495 Independent Study or 497 Selected Topics
LLC 321 Russian Literature (19th Century)	Approved advanced language courses taken on Study Abroad
LLC 322 Russian Literature (20-21st Century)	One course chosen from the following, with a CLAC component:
LLC 335 Bombs, Bolsheviks, Ballet	LLC 321 Russian Literature (19th Century)
LLC 397 ST: Russian Cultural Studies	LLC 322 Russian Literature (20-21st Century)
Approved cultural studies courses taken on Study Abroad	LLC 335 Bombs, Bolsheviks, Ballet
At least two (up to three) courses taken from the following, with a CLAC component:	LLC 397 ST: Russian Cultural Studies
HIST 199 Stalinism	Approved cultural studies courses taken on Study Abroad
HIST 236 Russian in Revolution,	One course taken from the following, with a CLAC component:
HIST 244 Propaganda State	HIST 199 Stalinism
HIST 246 Russia in Revolution, 1905-1934	HIST 236 Russian in Revolution,
HIST 249 Cold War Europe	HIST 244 Propaganda State
LLC 260 Literature and Social Change in East European Literature	HIST 246 Russia in Revolution, 1905-1934
PLSC 397 ST: Soviet Politics	HIST 249 Cold War Europe
<b>The Residency Requirement</b>	LLC 260 Literature and Social Change in East European Literature
For all Russian majors, at least five of the nine courses required for the major must be taken on the University of Richmond campus. If the student participates in a study abroad program, at least one upper-level course in the major must be taken upon return from the program.	PLSC 397 ST: Soviet Politics
<b>The Russian Studies Minor</b>	One additional course in any of the categories above.
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).	<b>The Residency Requirement</b>
	For all Russian minors, at least three of the six courses required for the minor must be taken on the University of Richmond campus. If the student participates in a study abroad program, at least one upper-level course in the minor must be taken upon return from the program.

### Study Abroad

Study and travel abroad are strongly encouraged for all students.

Russian Studies majors and minors are encouraged to study for a summer, a semester or a year on an approved UR program in St. Petersburg or in other parts of Russia, Poland, or the Czech Republic.

### Courses

RUSN 101 Elementary Russian I

Units: 1

Description

Introduction to Russian language and culture.

RUSN 102 Elementary Russian II

Units: 1

Description

Introduction to Russian language and culture.

Prerequisites

RUSN 101.

RUSN 179 Accelerated Russian Language Abroad I

Units: 1

Description

Onsite language course offered during summer study abroad in St. Petersburg. Designed to accelerate conversational and comprehension skills. For students who have completed one year of college Russian.

Prerequisites

RUSN 102.

RUSN 201 Intermediate Russian I

Units: 1

Description

Active practice and reinforcement of language skills and study of culture.

Prerequisites

RUSN 102.

RUSN 202 Intermediate Russian II

Units: 1

Description

Active practice and reinforcement of language skills and study of culture.

Prerequisites

RUSN 201.

RUSN 305 The Russian Case

Units: 1

Description

Provides a critical introduction to key themes in Russian culture and civilization using authentic Russian language materials from popular culture, literature, media and film. Topics vary by semester, but the course material is designed to move students from low to high intermediate proficiency (ACTFL). Primary focus on rapid expansion of functional vocabulary and thorough review of case system.

Prerequisites

RUSN 202.

RUSN 312 Accelerated Russian Language Abroad

Units: 1

Description

Onsite language course offered during summer study abroad in St. Petersburg. Designed to accelerate conversational and comprehension skills.

Prerequisites

RUSN 202.

RUSN 313 Russian Cultural Life

Units: 1

Description

Onsite cultural studies course offered during summer study abroad in St. Petersburg. Designed as introduction to both "high" culture (museums, opera, concerts) and "everyday" culture in contemporary Russia, the course immerses students in the aesthetic and practical aspects of life in St. Petersburg, and provides a framework for reflecting upon the diversity of cultural practices.

Prerequisites

RUSN 202.

RUSN 315 Verbs for Life

Units: 1

Description

Provides a critical look at the importance of literature for Russian national mythologies using authentic Russian language materials from classic and contemporary Russian literature. Authors and readings vary by semester, but the course material is designed to move students from low to high intermediate proficiency (ACTFL). Primary focus on understanding the system of prefixed verbs in Russian, as well as rapid expansion of functional vocabulary.

Prerequisites

RUSN 305.

RUSN 388 Individual Internship

Units: .5-1

Description

Internship experiences outside of the department in fields related to Russian studies. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of department.

RUSN 389 Practice Assistantship

Units: .25

Description

Students lead practice sessions associated with the elementary and intermediate language sequence in Russian. The practice assistantship does not count as credit toward the major or minor. Up to one unit can be applied toward graduation credit.

Prerequisites

Departmental approval

RUSN 401 Topics in Advanced Russian I

Units: 1

Description

Discussion in Russian at advanced level of selected topics and readings in Russian literature.

Prerequisites

Permission of instructor.



RUSN 402 Topics in Advanced Russian II

Units: 1

Description

Discussion in Russian at advanced level of selected topics and readings in Russian literature.

Prerequisites

Permission of instructor.

RUSN 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

RUSN 420 Readings in Russian Literature

Units: 1

Description

Analysis and discussion of primary Russian texts. Topics vary by semester. May be repeated up to three times with different course material.

Prerequisites

Permission of instructor.

RUSN 495 Independent Study

Units: .5-1

Description

Special projects individually pursued under supervision of faculty member.

Prerequisites

Permission of department.

RUSN 497 Selected Topics

Units: 1

Description

Special interest topics offered at department's discretion.

Prerequisites

Permission of department.

RUSN 498 Senior Research Project I

Units: 0

Description

Consultation with faculty mentor and selection of Russian studies topic for senior research project.

Prerequisites

Senior standing.

RUSN 499 Senior Research Project II

Units: .5

Description

Completion and presentation of an independently researched paper on Russian studies topic.

Prerequisites

Senior standing.

## Science Math and Research Training (SMART)

*Faculty: H. Hoke (Mathematics and Computer Science), K. Hoke (Mathematics and Computer Science), Jones (Biology), Nolin (Chemistry), Parish (Chemistry), Wares (Mathematics and Computer Science)*

Faculty at the University of Richmond feel strongly that all science students should have the option of learning in an interdisciplinary environment. The Science Math and Research Training (SMART) course is taught at the introductory level. For students who wish to formally continue exploring science in an integrated fashion past the introductory level, a minor in Integrated Science is also available.

SMART introduces the topics of chemistry and biology in an integrated fashion while relating concepts of calculus 1 and 2 to science. The program offers a hands-on, research-based learning environment where working as part of a team is important. If you are interested in science but have not had calculus experience at the high school level, the SMART program may be for you. After completing the SMART course students have equivalent credit for Biology 199, Chemistry 141, Calculus 211 and Calculus 212, a total of four units.

The integrated biology-chemistry course will be team-taught by two faculty members each semester, one from each discipline. Each faculty member will attend all of the classes, exploring connections between disciplines along with the students. The calculus course is also team-taught and incorporates data obtained in the biology-chemistry course. In collaboration with the faculty from both the biology-chemistry and calculus courses, students will identify a lab to conduct research in, starting either during the first year or the summer following the first year at Richmond.

Training in fields such as biochemistry, neuroscience, and biomedical research, which are at the interface of traditional disciplines, is burgeoning as we tackle the challenging questions of our generation. To this end, SMART tackles the difficult problems of antibiotic resistance in the fall semester and the HIV epidemic in the spring semester.

The broad-based exposure to ideas and techniques from a variety of areas is excellent preparation for graduate and pre-professional work in any of the sciences as well as mathematics and computer science.

### The Course

The SMART program has a fall component and a spring component, each of which carries a total of two units of credit. In the fall, students will take Integrated BIOL/CHEM 1 with Lab and SMART calculus 1. In the spring, students will take Integrated BIOL/CHEM 2 with Lab and SMART calculus 2.

Students who complete both components will have earned four units toward graduation and will have completed the curricular equivalent of:

- BIOL 199
- CHEM 141

- MATH 211
- MATH 212

SMART students will be able to enroll in any upper-level science or math course that requires any of the above courses.

Students who complete only one semester will have earned two units towards graduation. Integrated BIOL/CHEM 1 will substitute for BIOL 199 for students who then go on to major in biology. SMART calculus 1 will substitute for MATH 211.

By completing one semester of the program, students will have satisfied both the Field of Study requirement in the Natural Sciences (FSNS) and the Field of Study requirement in Symbolic Reasoning (FSSR).

### Courses

BIOL 192 Science, Math and Research Training I with lab  
Units: 1

Fulfills General Education Requirement (FSNB)

#### Description

Year-long course provides an, interdisciplinary, integrated introduction to biology and chemistry, with an accompanying integrated lab. Based on the material in the first course of the major in each of these disciplines, this course will focus on current scientific problems facing today's world such as HIV/AIDS or antibiotic resistance. The course is team taught by two faculty members, one from each discipline. Teaching will be integrated so that links between concepts are readily apparent and students are stimulated to think beyond traditional science methodology. The laboratory will be comprised of hands-on and investigation based experiences using both experimental and computer simulation approaches. The SMART course is designed for students considering a major in either biology or chemistry and also meets requirements for students who go on to study medicine or other health sciences fields. To be taken in consecutive semesters in the first year and with an accompanying year-long calculus course. Completion of the full year of SMART (CHEM 192) will substitute for CHEM141 and BIOL 199. 3 lecture and 3 laboratory hours per week.

CHEM 192 Science, Math and Research Training II

Units: 1

Fulfills General Education Requirement FSNC

#### Description

Year-long course provides an, interdisciplinary, integrated introduction to biology and chemistry, with an accompanying integrated lab. Based on the material in the first course of the major in each of these disciplines, this course will focus on current scientific problems facing today's world such as HIV/AIDS or antibiotic resistance. The course is team taught by two faculty members, one from each discipline. Teaching will be integrated so that links between concepts are readily apparent and students are stimulated to think beyond traditional science methodology. The laboratory will be comprised of hands-on and investigation based experiences using both experimental and computer simulation approaches. The SMART course is designed for students considering a major in either biology or chemistry and also

meets requirements for students who go on to study medicine or other health sciences fields. To be taken in consecutive semesters in the first year and with an accompanying year-long calculus course. Completion of the full year of SMART (CHEM 192) will substitute for CHEM141 and BIOL 199. 3 lecture and 3 laboratory hours per week. Students may only receive credit for one of the following: CHEM 141, CHEM 191, or CHEM 192.

Prerequisites

BIOL 192.

## Sociology

### Department of Sociology and Anthropology

*Miguel Diaz-Barriga, Chair*

*Professor Diaz-Barriga*

*Associate Professors Dorsey, French, Grollman, Hass, Nourse, Richards, Sweis*

*Assistant Professor Husain*

*Professionals from the field also are employed as adjunct faculty*

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 must be no less than 2.00 with no course grade below C- (1.7).

10 units, including:

SOC 101 Foundations of Society: Introduction to Sociological Analysis

SOC 211 Sociological Research Methods and Data Analysis

SOC 221 Sociological Theory

SOC 401 Capstone Experience

Six elective units in Sociology, with a minimum of four at the 300 level or higher

Notes:

- Students must earn a grade of C- or better in either SOC 211 or SOC 221 in order to take 300 or 400-level sociology courses.
- 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 three courses may be taken at other institutions, including study abroad institutions.
- SOC 326, SOC 327, SOC 388, and SOC 389 are offered for .5 unit in the majority of circumstances.

### The Sociology 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). A maximum of two courses may be taken at another accredited institution or through an approved study abroad program, with departmental approval.

Six units, including:

SOC 101 Foundations of Society: Introduction to Sociological Analysis  
SOC 211 Sociological Research Methods and Data Analysis

SOC 221 Sociological Theory

Three elective units in Sociology, with a minimum of two at the 300 level or higher

Notes:

- Students must earn a grade of C- or better in either SOC 211 or SOC 221 in order to take 300 or 400-level sociology courses.
- No more than one 200-level course, excluding SOC 211 and SOC 221, may be taken for credit towards the sociology minor.
- No more than two courses may be taken at other institutions, including study abroad institutions.
- SOC 326, SOC 327, SOC 388, and SOC 389 may not be counted toward the sociology minor.

### Honors Program

The goal of the Sociology honors program is to give those students with superior interests and talents in the field to explore both sociology and personal intellectual interests and themes beyond the limits of typical courses offered. This will prepare these advanced students for possible graduate work or more advanced career prospects. Successful completion of the Honors Program is shown on the student's permanent academic record and on the diploma.

#### Eligibility and Admission

To qualify for the honors program in Sociology, a student should have:

1. 18.5 or more units completed overall
2. At least a 3.30 cumulative grade point average for all courses
3. Excluding coursework primarily for first-year students, 4 or more units completed with

distinction in the major field and a 3.5 cumulative grade point average for Sociology courses

To enter the honors program, the student must submit a letter of intent, with nominating support from one faculty member, by March 15 of his or her junior year. These materials must be submitted to the department's Honors Committee coordinator for inspection, after which the chairperson and student discuss the details and demands of the honors program.

A student who does not meet these qualifications may be admitted to the Program with the special recommendation of the department and the approval of the Faculty Committee on the Honors Program.

Students may request consideration by their department, or the department may invite a student to apply.

#### Program of Study

To receive credit for the Honors Program, the student must:

- Fulfill the normal BA requirements for Sociology, with required Theory & Methods courses (Sociology 221 and 211) completed by the end of the junior year to facilitate work on the senior thesis (see below). There are two additional upper-level one-unit courses (one of which can be outside the department and must be related to the topic of the senior thesis), and independent study for the senior thesis (see below), to be completed by the end of the senior year. (This will allow juniors with a clear program of study to take a useful course that might not be offered in his or her senior year.) The program of study for Honors is 12 units (10 units for the BA + 2 units for Honors Independent Study).
- Complete a senior thesis that addresses an original question or issue and that produces some original research (so as not to be a pure literature review of existing work). The thesis should be data-driven and demonstrate a grasp of existing literature and theory related to the issue at hand. While the senior thesis need not explicitly test sociological theory, it should engage relevant theory and not be purely empirical (although a purely empirical thesis is permissible if the student's advisor deems the project of having scholarly value). In preparation for undertaking the senior thesis, the student must agree with a faculty member, whose interests and expertise have the best possible fit with the student's intended thesis topic, to be his or her advisor for the thesis. The student and advisor should devise a basic plan for the project by the end of the spring semester of the junior year.
- For credit for the thesis, the student will take two one-unit Honors courses in the senior year, both involving work on the senior thesis: Honors Independent Study (autumn) and Honors Thesis (spring). This will involve at a minimum meeting once a week with the thesis supervisor to discuss and monitor progress in data collection, analysis, and write-up. (The former will involve monitoring

and assessing progress in data collection and analysis through regular reports--the timetable depending on the particular project, in agreement with the student and advisor. Assessment for the latter will be the thesis product itself.) The thesis will be due in time for a final grade to be submitted to the registrar--preferably the Friday before the School of Arts & Sciences Student Symposium (April). The grade for the independent study is that for the senior thesis. The department encourages students who are prepared sufficiently early to apply for a University summer grant to facilitate research. This two-unit combination is in addition to the 10 units required for the Sociology BA.

- The senior thesis will be assessed and graded by the student's thesis advisor and the chair of the Honors Program. If one person fulfills both these roles, an outside person whose expertise is sufficiently close to the thesis topic will be asked to aid with assessment. In case of disagreement, another member of the department will be asked for his/her opinion on the appropriate grade to resolve the disagreement.
- The student must take two standard one-unit upper-level courses for Honors credit that include additional extra work agreed upon by the student, the course instructor, and the Honors program coordinator. One of those must be related to the intended senior thesis topic. This one course may be in any department, but in any case it should meet with the approval of the student's thesis advisor or Honors Program chair.

The student may withdraw at any time. Should he/she not complete required additional work or maintain an overall 3.3 grade point average and a 3.5 grade point average for Sociology coursework, the student will not receive credit for the Honors Program, and the department will submit a request for withdrawal to the Faculty Committee on the Honors Program.

The department will encourage students in their junior year who appear qualified to consider the Honors Program seriously as soon as possible, to facilitate preparation for the senior thesis and any required summer work/research.

The Honors program coordinator will meet with participating students no less frequently than one time per month (or via email or other means of communication in the summer) to assess progress. The student and his/her advisor should develop a schedule for meetings and assessment they find most appropriate.

### Courses

SOC 101 Foundations of Society: Introduction to Sociological Analysis

Units: 1

Fulfills General Education Requirement (FSSA)

Description

Fundamental concepts and principles of sociology. Culture, socialization, social structure, stratification, social control, institutions, population, and social change.

SOC 207 Crime and Justice in a Post-Modern Society

Units: 1

Description

Prevalence and distribution of crime, theories of crime, forms of criminal behavior, overview of the criminal justice system.

Prerequisites

Sociology 101.

SOC 209 Social Problems

Units: 1

Description

Sociological examination of major social problems. Emphasis is on the structural causes, manifestations, patterns, consequences, and policy dimensions of social problems.

Prerequisites

Sociology 101 or permission of instructor.

SOC 211 Sociological Research Methods and Data Analysis

Units: 1

Description

Introduction to the major methods of conducting sociological research with a primary emphasis on quantitative data collection and analysis.

Prerequisites

SOC 101 with a grade of C- or better.

SOC 216 Social Inequalities

Units: 1

Description

Examination of how class, race, and gender structure everyday life experiences and social institutions.

Prerequisites

Sociology 101.

SOC 218 Sociology of the Black Experience

Units: 1

Description

Focuses primarily on understanding the social realities of people of African descent living in the United States. Examines historical, social, and cultural issues that connect them to their Diaspora counterparts from the Caribbean islands.

Prerequisites

Sociology 101.

SOC 221 Sociological Theory

Units: 1

Description

History of sociological thought; major theoretical perspectives, both classical and contemporary.

Prerequisites

Sociology 101.

SOC 231 Across the Pond: Europe vs. USA

Units: 1

Description

An examination of social structures, social identities, political cultures, and economies in contemporary Europe. Focuses on the interaction between variation among European countries and the creation and operation of the European Union. Compares structures and policies in Europe and the United States.

Prerequisites

Sociology 101.

SOC 232 Postsocialism in Russia and Eastern Europe

Units: 1

Description

Examines issues in postsocialism in Russia and Eastern Europe, including historical context and legacies of Soviet socialism, collapse of the USSR and East Europe, logics and policies of economic reform, political and social change, and a brief comparison with China's experience.

Prerequisites

Sociology 101.

SOC 250 Social Organizations and Institutions

Units: 1

Description

Examines the nature of organizations and institutions, how they emerge, and how they operate and change. Topics include organizations, institutions, and power; states and the organizational basis of social class; cross-national variation in corporate structures and practices; micro-institutions such as families; and the impact of organizations and institutions on people's everyday lives, identities, and actions.

Prerequisites

Sociology 101.

SOC 255 Sport in Society

Units: 1

Description

Foundation for critical understanding and appreciation for centrality and importance of sport in contemporary society.

Prerequisites

Sociology 101.

SOC 279 Selected Topics in Sociology

Units: 1

Description

Various topics in the field of sociology. Course may be repeated for credit if topics are different.

Prerequisites

Sociology 101.

SOC 302 Social Movements

Units: 1

Description

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.

Prerequisites

Sociology 211 or 221 with a grade of C- or better.

SOC 304 Power, Control and Resistance

Units: 1

Description

Examines the many facets of the structure and operation of power, using case studies to illuminate such issues as the three dimensions of power, the construction of and challenge to authority, the relation between power and discourse, power and the body, and tactics and opportunities of everyday passive resistance.

Prerequisites

Sociology 211 or 221 with a grade of C- or better.

SOC 305 Conformity, Deviance and Institutions of Social Control

Units: 1

Description

Informal and formal pressures to conform to, as well as deviate from, societal norms; social control institutions.

Prerequisites

Sociology 211 or 221 with a grade of C- or better.

SOC 306 Social Change in a Global Perspective

Units: 1

Description

Addresses the processes and forces underpinning the rise of modern nation-states and capitalist economies in the developed and developing worlds. Topics include: the coming of European modernity; dependency and development in Latin America and East Asia; the communist experiment; and globalization.

Prerequisites

Sociology 211 or 221 with a grade of C- or better.

SOC 308 Sociology of War

Units: 1

Description

Examines the relationship between social structures and war, including democracy and civil rights (e.g. gender and ethnic rights), economic development, social reform, and political identity.

Prerequisites

Sociology 211 or 221 with a grade of C- or better.

SOC 311 Juvenile Delinquency

Units: 1

Description

Meaning of juvenile delinquency; measurement, prevalence and distribution of juvenile delinquency; theories of delinquency; police actions; court actions; and juvenile institutions.

Prerequisites

Sociology 211 or 221 with a grade of C- or better.

SOC 316 Race and Ethnicity in America

Units: 1

Description

Native peoples; immigration and settlement of U.S.; racial and ethnic groups; prejudice and discrimination; race relations in a racially and culturally diverse society.

Prerequisites

Sociology 211 or 221 with a grade of C- or better.

SOC 319 Sociology of Gender and Sexuality

Units: 1

Description

Advanced course serving as an introduction to the sociology of gender and sexuality. Draws from a social constructionist perspective to understand how gender and sexuality are shaped, influenced, and regulated by society in general, as well as particular social institutions and social norms. Examines how gender and sexuality serve as organizing principles in society. Draws on feminist and queer theoretical frameworks to explore the diversity in gender and sexuality, particularly at their intersections with sex, race, ethnicity, age, social class, disability, and weight.



Prerequisites  
Sociology 211 or 221 with a grade of C- or better.

SOC 320 Race, Class, and Schooling  
Units: 1

Description  
Deepens students' understanding of the various ways in which race and class inequality manifest in schools and shape the educational experiences of students.

Prerequisites  
Sociology 101 and 211 or 221

SOC 326 Directed Independent Study  
Units: .5-1

Description  
Intensive study of a specific topic within sociology under the direction of a member of the faculty. Requires approval by the department chair.

Prerequisites  
Sociology 211 or 221 with a grade of C- or better and department approval.

SOC 327 Directed Independent Study  
Units: .5-1

Description  
Intensive study of a specific topic within sociology under the direction of a member of the faculty. Requires approval by the department chair.

Prerequisites  
Sociology 211 or 221 with a grade of C- or better and department approval.

SOC 330 Science, Technology, and Society  
Units: 1

Description  
Sociologically investigates science as a social institution that intersects with other social institutions, with an emphasis on exploring how social inequalities affect the use of technology and the construction of scientific knowledge.

Prerequisites  
Sociology 101 and 211 or 221

SOC 335 Feast and Famine: Inequalities in the Global Food System  
Units: 1

Description  
Analyzes the socio-economic, political, and cultural construction of food systems. Topics include global institutions that impact the flow of food around the world; regional relationships pertaining to food trade; and local relationships between producers, retailers, and consumers.

Prerequisites  
Sociology 211 or 221 with a grade of C- or better.

SOC 340 Sociology of Health and Illness  
Units: 1

Description  
Advanced course serving as an introduction to the sociological study of health and illness. Draws upon a critical sociological perspective to understand how society shapes health and health disparities. Investigates social factors that harm our health and well being, particularly those that produce disparities along major social strata (e.g., race and

ethnicity, gender, socioeconomic status, and sexual orientation).

Prerequisites  
SOC 211 or 221 with a grade of C- or better.

SOC 379 Selected Topics  
Units: 1

Description  
Various topics in the field of sociology. Course may be repeated for credit if topics are different.

Prerequisites  
Sociology 211 or 221 with a grade of C- or better.

SOC 388 Individual Internship  
Units: .5

Description  
Supervised independent field work. Requires permission of a supervising faculty member and approval by the department chair. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites  
Sociology 211 or 221 with a grade of C- or better.

SOC 389 Research Practicum  
Units: .5-1

Description  
For junior- or senior-level majors. Work closely with professor on research project: design, data collection, data analysis. Requires permission of a supervising faculty member and approval by the department chair.

Prerequisites  
Sociology 211 or 221 with a grade of C- or better.

SOC 401 Capstone Experience  
Units: 1

Description  
Senior capstone experience to complete sociology major. Builds upon what students have learned about sociology as a discipline: its central themes, theoretical perspectives, research methods, and substantive research findings. Examines various topics and issues that comprise subject matter of sociology and reflects on its major contributions.

Prerequisites  
Senior standing and Sociology 211 and 221 with a grade of C- or better.

SOC 406 Undergraduate Summer Research  
Units: 0

Description  
Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites  
Approval for summer Arts and Sciences fellowship by faculty mentor

SOC 490 Honors Independent Study  
Units: 1

Description

Students work one-on-one with faculty advisor in constructing a research design and collecting data for a senior thesis for the Sociology Honors program.

Prerequisites

SOC 101, 211, 221 and admission to the Honors program.

SOC 491 Sociology Honors Thesis

Units: 1

Description

Student work individually with a faculty advisor in analyzing data and writing up results for a senior thesis for the Sociology Honors program.

Prerequisites

SOC 490.

## Theatre

### Department of Theatre and Dance

*Sharon Feldman, Interim Chair*

*Associate Professors Herrera, Holland, Mike, Schoen, Stegmeir*

*Assistant Professors Diaz, Reynoso, White*

*Assistant Director of Costume Hogg*

*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.*

### The Theatre 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).

11 units, including:

Production Studies, three units:

THTR 205 Production Studies I: Fundamentals of Theatre

THTR 306 Production Studies II: Analysis, Conceptualization, and Problem Solving

THTR 407 Production Studies III: Collaboration and Production

Critical Inquiry in Practice and Theory, two units: One from group A and one from group B

Group A: Theory-centered:

THTR 239 Latinx On Stage: From the Barrios to Broadway

THTR 325 Script Analysis

THTR 370 Staging Gender

THTR 312 Special Topics (as appropriate, with Department approval)

Group B: Practice-based:

THTR 210 Performing Diversity: a Cultural Odyssey

THTR 229 Going Solo: The Politics of Identity in Contemporary Solo Performance

THTR 249 Documentary Theatre Project

THTR 312 Special Topics (as appropriate, with Department approval)

THTR 313 Theatre for Social Change I

THTR 320 Advanced Acting: 20th Century Acting Styles and Theories

History, two units from the following:

THTR 309 Theatre History I

THTR 319 Theatre History II

THTR 321 History of Apparel

Performance, one unit from the following:

DANC 248 Movement Improvisation

THTR 212 Basics of Acting

THTR 215 Physical Theatre: Actor as Creator

Design, one unit from the following:

THTR 301 Scene Design

THTR 305 Sound Design

THTR 307 Lighting Design\*

THTR 322 Advanced Costume Design

Technical Theatre, one unit from the following:

THTR 201 Stagecraft

THTR 203 Introduction to Lighting and Sound

THTR 206 Introduction to Costume

THTR 213 Fundamentals of Stage Makeup

THTR 302 Scene Painting

THTR 308 Basics of Directing

THTR 399 Leadership in Production

Limitations

THTR 330-THTR 341 (Practica) and THTR 388 (Internship) cannot be counted in the major.

No course units can be counted toward both a major in theatre and a minor in dance

### The Theatre 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).

Six units, including:

Production Studies, two units including:

THTR 205 Production Studies I-Fundamentals of Theatre

THTR 306 Production Studies II- Analysis, Conceptualization and Problem Solving

Critical Inquiry in Practice and Theory, one unit from the following:

THTR 210 Performing Diversity: A Cultural Odyssey

THTR 229 Going Solo: The Politics of Identity in Contemporary Solo Performance

THTR 239 Latinx On Stage: From the Barrios to Broadway

THTR 249 Documentary Theatre Project

THTR 312 Special Topics (as appropriate, with Department approval)

THTR 313 Theatre for Social Change I

THTR 320 Advanced Acting: 20th Century Acting Styles and Theories

THTR 325 Script Analysis

THTR 370 Staging Gender

History, one unit from the following:

THTR 309 Theatre History I

THTR 319 Theatre History II

THTR 321 History of Apparel

Performance, one unit from the following:

THTR 119 Broadway Musical Theatre

THTR 212 Basics of Acting

THTR 215 Physical Theatre: Actor as Creator

THTR 219 Ensemble Performance

THTR 308 Basics of Directing

THTR 312 Auditioning for Stage and Screen

THTR 327 Acting Shakespeare I

Design/Technical Theatre, one unit from the following:

THTR 201 Stagecraft

THTR 203 Introduction to Lighting and Sound

THTR 206 Introduction to Costume

THTR 213 Fundamentals of Stage Makeup

THTR 301 Scene Design

THTR 302 Scene Painting

THTR 305 Sound Design

THTR 307 Lighting Design

THTR 322 Advanced Costume Design

Limitations

THTR 315 (Independent Study), THTR 330-341 (Practical) and THTR 388 (Internship) cannot be counted in the minor.

### Related Fields

Interdisciplinary concentration in arts management for visual and media arts practice, art history, music, theatre, and dance majors or minors

Combined major in theatre and English literature

### 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, 18 or more units completed and, excluding coursework primarily for first-year students, 3.5 or more units 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 two units 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

Units: 1

Fulfills General Education Requirement (FSVP)

#### Description

An introduction to the role of actors, playwrights, directors, designers, and audiences in the highly collaborative art of theatre. Students learn to appreciate the artistic and intellectual processes of theatre artists and to use knowledge of historical forms and traditions in order to evaluate contemporary live theatre. Students will engage in creative projects in the classroom and interact with professional theatre artists via lab work on mainstage productions. Laboratory assignments with mainstage productions.

### THTR 119 Broadway Musical Theatre

Units: 1

Fulfills General Education Requirement (FSVP)

#### Description

Survey of the Broadway musical theatre from its 19th century roots to the present day. Provides basic introduction to music theory and culminates with performance of original one-act musical(s) written and produced by class members. In addition to regular class meetings, weekly labs are held for rehearsals and presentation of special topics. (Same as Music 119.)

### THTR 201 Stagecraft

Units: 1

Fulfills General Education Requirement (FSVP)

#### Description

Introduction to scene design and construction, lighting design and execution, scene painting, sound design, and properties in theory and practical applications. Laboratory hours required.

### THTR 203 Introduction to Light and Sound

Units: 1

Fulfills General Education Requirement (FSVP)

#### Description

Introduction to the technical aspects of lighting and sound design and roduction, and to the creative process required to make informed design choices. Laboratory hours required.

### THTR 205 Production Studies I-Fundamentals of Theatre

Units: 1

#### Description

Examines 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.

### THTR 206 Introduction to Costume

Units: 1

Fulfills General Education Requirement (FSVP)

#### Description

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.

### THTR 210 Performing Diversity: A Cultural Odyssey

Units: 1

#### Description

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.

### THTR 212 Basics of Acting

Units: 1

Fulfills General Education Requirement (FSVP)

#### Description

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.

### THTR 213 Fundamentals of Stage Makeup

Units: 1

#### Description

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.

### THTR 215 Physical Theatre: Actor as Creator

Units: 1

Fulfills General Education Requirement (FSVP)

#### Description

Introduces students to the contemporary approaches to theatre-making which focus on the body. Through a series of workshops & creative projects, students will learn techniques for generating original material, developing their spontaneity and creativity, and creating theatre that is personally meaningful and collectively engaging.

### THTR 219 Ensemble Performance

Units: 1

Fulfills General Education Requirement (FSVP)

#### Description

Exploratory class which attempts to generate honest and spontaneous responses from the actor to performance and play creating circumstances. Major emphasis is placed on teamwork, the search for truth and attaining actual potential in the art of playing. With a view to synergizing theatre activity with communal responsibility participants are encouraged to draw on issues around them and nurture creative inspiration from societal needs. Improvisation, storytelling, and multiple role playing are primary mediums for advancing the experience.

### THTR 229 Going Solo: The Politics of Identity in Contemporary Solo

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Examines the development of solo performance from the 1970s to the present. Pays close attention to the ways solo practitioners use the body to highlight specific cultural, social, and political histories of marginalization encountered by the working class, people of color, women, lesbians, and gays. Engages with a multitude of genres including performance art, autobiographical forms, spoken word, stand-up comedy, and hip-hop based work.

THTR 239 Latinx On Stage: From the Barrios to Broadway

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Examines the evolving formation of Latina/o identity in Broadway and community productions as well as popular culture with special attention to issues of globalization, migration, and transculturation.

THTR 249 Documentary Theatre Project

Units: 1

Description

Explores different ways to tell complex historical narratives and how to use documentary performance in order to foster conversation about difficult issues with the goal of expanding the possibilities for social change. Conduct interviews, do archival research, and create, produce, and perform a docudrama.

THTR 301 Scene Design

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Artistic aspects of stage setting in theory and in practice. Consideration of mechanical perspective, watercolor sketching, color schemes, and history of period design. Stresses how the design process is inspired by the script and how the design of scenery is only part of the larger creative process called theatre. Laboratory hours required.

Prerequisites

Theatre 115, 201, 205 or permission of instructor.

THTR 302 Scene Painting

Units: 1

Fulfills General Education Requirement (FSVP)

Description

Study of function of scenic artist in theory and practice. Hands-on approach to scene painting. Laboratory hours required.

THTR 305 Sound Design

Units: 1

Description

Exploration of the field of sound design through "hands-on" experiences with the design process, as well as the use of various types of recording and editing equipment, software programs, and research protocols and materials used by sound designers to create the aural environment for a production.

Prerequisites

THTR 203 or THTR 205 or Permission of Instructor

THTR 306 Production Studies II: Analysis,

Conceptualization and Problem Solving

Units: 1

Description

Continues to build on the foundations established in Theatre 205, focusing more intently upon the process of preparing a play for theatrical production. Students will select a play and develop a production concept by analyzing the text, preparing the necessary dramaturgical research, and using their study of the elements of theatre to realize their production as a classroom project. The various facets of this project will serve as the core elements of a personal theatre portfolio representative of their course work, research, and creative projects.

Prerequisites

Theatre 205.

THTR 307 Lighting Design

Units: 1

Description

Upper-level course in lighting design for the stage. Special emphasis on project-based, "hands on" learning with students implementing their own designs through analysis, research, creative and practical applications. Laboratory hours are required.

Prerequisites

THTR 203 or 206.

THTR 308 Basics of Directing

Units: 1

Description

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.

Prerequisites

Theatre 205 or 212 or permission of instructor.

THTR 309 Theatre History I

Units: 1

Description

Survey of theatre history from ancient Greece to mid 18th-century Europe, with emphasis on representative plays, performance practices, and theories, as well as the cultural, economic, and political contexts from which they emerged. Lecture/discussion format.

THTR 310 Managing Performing Arts Organizations.

Units: 1

Description

(See Music 310.)

Prerequisites

Theatre major, theatre minor, dance minor, or permission of instructor.

THTR 312 Special Topics

Units: .5-1

Description

Representative topics: acting for the camera, advanced courses in costume, directing, makeup, critical theory, directing, improvisation, makeup, performance theory, stage combat, documentary film making, voice and speech for the stage. Can be taken more than once for credit if topic varies.

Prerequisites



Theatre 205 or permission of instructor.

THTR 313 Theatre for Social Change I

Units: 1

Fulfills General Education Requirement (FSVP)

Description

A studio 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.

THTR 314 Theatre for Social Change II

Units: 1

Description

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.

THTR 315 Independent Study

Units: .5-1

Description

Restriction: Prospectus must be submitted and approved prior to the end of advance registration. Does not count for theatre or dance minor.

Prerequisites

Permission of instructor.

THTR 319 Theatre History II

Units: 1

Description

A survey of theatre history from mid 18th-century Europe to the present, with emphasis on representative plays, performance practices, and theories, as well as the cultural, economic, and political contexts from which they emerged. Lecture/discussion format.

THTR 320 Advanced Acting: Twentieth-Century Acting Styles and Theory

Units: 1

Description

An examination of the major theories that have shaped the discourse on, and practice of, the art of acting in the 20th century. 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.

THTR 321 History of Apparel

Units: 1

Description

Designed to give students a recognition/understanding of the evolution of clothing from the ancients to the 21st 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.

THTR 322 Advanced Costume Design

Units: 1

Description

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.

Prerequisites

Theatre 206 or permission of instructor.

THTR 325 Script Analysis

Units: 1

Fulfills General Education Requirement (FSLI)

Description

Systematic approach to understanding and realizing the theatrical implications of play scripts. Script study as if in preparation for mounting production. Laboratory hours required.

THTR 327 Acting Shakespeare I

Units: 1

Description

Introduction to methods of textual analysis and literary research necessary to prepare a Shakespearean play for performance.

THTR 328 Acting Shakespeare II

Units: 1

Description

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.

Prerequisites

Theatre 327.

THTR 330 Practicum: Performance

Units: .25-1

Description

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Forty hours work for .25 units of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Four units maximum credit; 1.5 units maximum per semester. Does not count for theatre or dance major or minor.

Prerequisites

Permission of department.

THTR 331 Practicum: Directing/Choreography

Units: .25-1

Description

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Forty hours work for .25 units of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Four units maximum credit; 1.5 units maximum per semester. Does not count for theatre or dance major or minor. Prerequisites  
Permission of department.

THTR 332 Practicum: Stage Management

Units: .25-1

Description

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Forty hours work for .25 units of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Four units maximum credit; 1.5 units maximum per semester. Does not count for theatre or dance major or minor. Prerequisites  
Permission of department.

THTR 333 Practicum: Technical Crew

Units: .25-1

Description

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Forty hours work for .25 units of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Four units maximum credit; 1.5 units maximum per semester. Does not count for theatre or dance major or minor. Prerequisites  
Permission of department.

THTR 334 Practicum: Design

Units: .25-1

Description

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Forty hours work for .25 units of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Four units maximum credit; 1.5 units maximum per semester. Does not count for theatre or dance major or minor. Prerequisites  
Permission of department.

THTR 340 Practicum: Scenery/Props

Units: .25-1

Description

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Forty hours work for .25 units of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Four units maximum credit; 1.5 units maximum per semester. Does not count for theatre or dance major or minor. Prerequisites  
Permission of department.

THTR 341 Practicum: Costume/Makeup

Units: .25-1

Description

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Forty hours work for .25 units of practicum credit. Includes research and written work appropriate to the theatrical activity involved.

Four units maximum credit; 1.5 units maximum per semester. Does not count for theatre or dance major or minor.

Prerequisites

Permission of department.

THTR 342 Practicum: Other

Units: .25-1

Description

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Forty hours work for .25 units of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Four units maximum credit; 1.5 units maximum per semester. Does not count for theatre or dance major or minor. Prerequisites  
Permission of department.

THTR 343 Practicum: Lighting

Units: .25-1

Description

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Forty hours work for .25 units of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Four units maximum credit; 1.5 units maximum per semester. Does not count for theatre or dance major or minor. Prerequisites  
Permission of department.

THTR 345 Philanthropy in the Arts

Units: 1

Description

(See MUS 345; same as ARTH 345.) Does not satisfy major or minor requirements.

Prerequisites

MUS/THTR 310 or ARTH 322 or permission of instructor.

THTR 370 Staging Gender

Units: 1

Description

Study of selected plays and theatre productions with a focus on the representations of gender and gender relations. Readings in feminist, gender, and queer theory provide critical frameworks for analyzing representations of gender as well as representations of race and class as they intersect with gender. Culminates in a staged reading of a play.

THTR 380 Honors Thesis Preparation

Units: 1

Description

Research and preparation for honors thesis or project in theatre or dance.

Prerequisites

Acceptance in the department honors program.

THTR 381 Honors Performance/Thesis

Units: 1

Description

Research and writing honors thesis or realization (including rehearsals and all drawings) of a creative honors project in theatre or dance.

Prerequisites

Acceptance in the department honors program.

THTR 388 Individual Internship

Units: .5-1

Description

Practical application of theatre and dance principles and skills in supervised, out-of-class environment. Does not count for theatre major or minor or dance minor. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Majors and minors only; faculty approval before beginning work.

THTR 399 Leadership in Production

Units: 0

Description

Majors-only course requiring a student to assume a position of significant responsibility (excluding performing) in one of the department's major productions. These positions include stage manager, assistant stage manager, designing or assistant designing (costumes, lights, scenery, sound), assistant directing, dramaturg, head props master, or head dresser.

Graded: Satisfactory/Unsatisfactory.

Prerequisites

Departmental approval.

THTR 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

THTR 407 Production Studies III-Collaboration and Production

Units: 1

Description

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, conduct rehearsals, and provide a thorough critique of the results.

Prerequisites

Theatre 306

## Visual and Media Arts Practice

Department of Art and Art History

*Tanja Softic, Chair*

*Professors Sjovold, Softic'*

*Associate Professors Cabvillo, Drummond*

*Assistant Professor Nelson, Smith, Szymanska*

*University Museums Executive Director Waller and Deputy Director Schlatter*

*Visual Resources Librarian Keefer*

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

The Department of Art and Art History offers programs in visual and media arts practice, 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. In visual and media arts practice, our integrated, rigorous art foundation program offers students broad exposure to the core areas of our curriculum; including drawing, painting, sculpture, printmaking, photography, and film and video. Emphasis is placed upon developing artwork that bridges established and emerging media and dismantles traditional divisions between the core areas of our curriculum. Our program is tailored to supporting individual student interests through creative studio projects, individual research, gallery and museum visits, and critiques and visual presentations.

### The Visual and Media Arts Practice Major

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

12 units, including:

Group A: Foundation Requirements - Four units

Foundations are prerequisites for all upper level Visual and Media Arts Practice classes and should be taken first and as early as possible. Art History Surveys should be taken prior to spring of junior year.

One of the introductions to Art History, either ARTH 121 or ARTH 122,

One additional elective in Art History

VMAP 211 Foundations in Visual and Media Arts Practice A

VMAP 212 Foundations in Visual and Media Arts Practice B

Group B: Intermediate & Advanced Visual and Media Arts Practice - Five units

Five electives, including at least one course at the 300-level and no more than one course at the 100-level, chosen from:

VMAP 112 Introduction to Drawing

VMAP 113 Introduction to Painting

VMAP 114 Introduction to Sculpture	*Offered only in spring semesters. Should be taken in the spring of junior year. **Offered only in fall semesters. Must be taken in the fall semester of senior year.
VMAP 115 Introduction to Printmaking	
VMAP 116 Introduction to Photography	***Enrollment in this course is contingent upon individual student plans.
VMAP 117 Introduction to Film, Sound and Video	
VMAP 250 Drawing Techniques and Concepts	***Education minors, for example, can choose to opt out of this exhibition centered course, in order to perform student teaching for their Education degree AND upon faculty approval. While it is not required for completion of the Visual and Media Arts Practice Major, it is highly recommended for students planning to develop careers in the visual and media arts.
VMAP 251 Human Figure Drawing	
VMAP 252 Observational/Representational Painting: The Figure and Its Spaces	
VMAP 253 Painting: Abstract, Conceptual, Process, and Material	<b>The Visual and Media Arts Practice Minor</b>
VMAP 254 Sculpture Methods: Materials and Processes	Note: A grade of not less than C (2.0) is required in each course comprising the minor.
VMAP 255 Sculpture Methods: Computer Modeling and Fabrication	Seven units, including:
VMAP 256 Printmaking Techniques and Concepts	Group A: Foundation Requirements - Three units
VMAP 257 Artist's Book	Foundations are prerequisites for all upper level Visual and Media Arts Practice classes and should be taken first and as early as possible. One Art History Survey should be taken before entering junior year.
VMAP 258 Darkroom Photography	
VMAP 259 Digital Photography	VMAP 211 Foundations in Visual and Media Arts Practice A
VMAP 260 Thematic Explorations in Sound and Video Art	VMAP 212 Foundations in Visual and Media Arts Practice B
VMAP 261 Independent Film and Video: Curatorial Practice and Presentation	One Art History unit, chosen from:
VMAP 262 Digital America Journal and Internet Art History	ARTH 121 Survey I: Prehistory through the Middle Ages
VMAP 279 Selected Topics	ARTH 122 Survey II: Renaissance to the Present
VMAP 300 Drawing Media Studio	Group B: Intermediate and Advanced Art Practice - Four units
VMAP 302 Painting Media Studio	Four electives, including at least one course at the 300-level and no more than one course at the 100-level, chosen from:
VMAP 304 Sculpture Media Studio	VMAP 112 Introduction to Drawing
VMAP 306 Printmaking Media Studio	VMAP 113 Introduction to Painting
VMAP 308 Photography Media Studio	VMAP 114 Introduction to Sculpture
VMAP 310 Time-Based Media Studio	VMAP 115 Introduction to Printmaking
Group C: Capstone Sequence - Three units	VMAP 116 Introduction to Photography
VMAP 351 Contemporary Theory and Practice for Artists*	VMAP 117 Introduction to Film, Sound and Video
VMAP 375 Contextual Practice*	VMAP 250 Drawing Techniques and Concepts
VMAP 465 Advanced Studio Practice**	VMAP 251 Human Figure Drawing
VMAP 466 Senior Thesis Exhibition***	

VMAP 252 Observational/Representational Painting: The Figure and Its Spaces

VMAP 253 Painting: Abstract, Conceptual, Process, and Material

VMAP 254 Sculpture Methods: Materials and Processes

VMAP 255 Sculpture Methods: Computer Modeling and Fabrication

VMAP 256 Printmaking Techniques and Concepts

VMAP 257 Artist's Book

VMAP 258 Darkroom Photography

VMAP 259 Digital Photography

VMAP 260 Thematic Explorations in Sound and Video Art

VMAP 261 Independent Film and Video: Curatorial Practice and Presentation

VMAP 262 Digital America Journal and Internet Art History

VMAP 279 Selected Topics

VMAP 300 Drawing Media Studio

VMAP 302 Painting Media Studio

VMAP 304 Sculpture Media Studio

VMAP 306 Printmaking Media Studio

VMAP 308 Photography Media Studio

VMAP 310 Time-Based Media Studio

VMAP 375 Contextual Practice

### **Honors Program in Visual and Media Arts Practice**

Majors are encouraged to apply for and pursue the honors program in studio art. To earn honors in visual and media arts practice a student must complete three units of honors 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 Field**

Interdisciplinary concentration in arts management for visual and media arts practice, art history, music, theatre, and dance majors or minors

### **Courses**

VMAP 112 Introduction to Drawing

Units: 1

Fulfills General Education Requirement (FSVP)

#### **Description**

Explores materials, methods, and concepts in drawing with an emphasis on observational practice. Fundamental skills and knowledge required for further study within the field as well as insight into the realm of drawing at a general and theoretical level. Studio work is supplemented by lectures, presentations, seminar discussions, and museum visits.

VMAP 113 Introduction to Painting

Units: 1

Fulfills General Education Requirement (FSVP)

#### **Description**

Introduction to the practice of painting with emphasis on fundamental painting modes: perceptual/representational, conceptual/abstract, and process/system-based. Emphasizes working understanding of methods and materials of oil and/or water-based painting while investigating basic aspects of visual perception, historical precedent, contemporary culture, and critical assessment of subject, form, and content in a work of art.

VMAP 114 Introduction to Sculpture

Units: 1

Fulfills General Education Requirement (FSVP)

#### **Description**

Introduction to basic three-dimensional design and contemporary sculptural practices. Fundamental skills and knowledge required for further study within the field as well as insight into the realm of sculpture at a general and theoretical level. Through hands-on studio assignments, lectures, presentations, seminar discussions, and museum visits, students gain technical and conceptual skills applicable to art, architecture, and all other forms of three-dimensional design and sculpture.

VMAP 115 Introduction to Printmaking

Units: 1

Fulfills General Education Requirement (FSVP)

#### **Description**

Explores formal and conceptual problems through printmaking exercises. Understanding of the potential of graphic media and introduction to new imaging methods and concepts, including experimentation with scale, sequencing, and multi-technique works.

VMAP 116 Introduction to Photography

Units: 1

Fulfills General Education Requirement (FSVP)

#### **Description**

Explores historical and contemporary film photography as a means of achieving a working knowledge of experimental darkroom methods and processing techniques. Develops an understanding of photography as art through lectures, presentations, critiques, and assignments that encourage creation and interpretation.

VMAP 117 Introduction to Film, Sound and Video

Units: 1

Fulfills General Education Requirement (FSVP)

#### **Description**

Introduction to film, sound and video production within the context of contemporary art. Uses readings, screenings,



workshops, and hands-on assignments, to gain the technical and conceptual skills required to produce resolved independent projects in 16mm film, digital video, and analog/digital sound. By foregrounding the distinct features of these media, this course also illustrates their many similarities and differences -- from the technical and perceptual to the historical, cultural, and socio-political. Production of independent work that explores creative approaches to film, sound and video production that fall beyond the aesthetic and cultural norms of mainstream media.

VMAP 211 Foundations in Visual and Media Arts Practice A  
Units: 1

Description

One of two foundation-level classes required for all Visual and Media Arts Practice majors and minors. Serves as a prerequisite for all intermediate and advanced level courses in the curriculum. Explores the fundamentals of drawing, painting, and sculpture in three distinct modules. In addition to producing artwork, introduces the history and theory surrounding these media as well as their significance within contemporary art practice. Each module will educate students on health and safety issues and procedures that are applicable to these media and our facilities.

VMAP 212 Foundations in Visual and Media Arts Practice B  
Units: 1

Description

One of two foundation-level classes required for all Visual and Media Arts Practice majors and minors. Serves as a prerequisite for all intermediate and advanced level courses in the curriculum. Explores the fundamentals of printmaking, photography, and time-based media production in three distinct modules. In addition to producing artwork, students are introduced to the history and theory surrounding these media as well as their significance within contemporary art practice. Each module will educate students on health and safety issues and procedures that are applicable to these media and our facilities.

VMAP 250 Drawing Techniques and Concepts

Units: 1

Description

Builds upon the concepts, techniques and media introduced in the two foundation-level classes and introduces drawing as a vehicle of creative visual thought, a tool for observing and recording the world around us, and a versatile medium that extends into media such as printmaking, sculptural installation and animation, for example. Projects in charcoal, pencil, ink, acrylic, collage on paper, and alternative surfaces.

Prerequisites

VMAP 211 or VMAP 112; or the former ARTS 105 or 201

VMAP 251 Human Figure Drawing

Units: 1

Description

Advances understanding and skill in drawing the human figure with emphasis on interpreting formal aspects of proportion, surface anatomy, volume, and composition. Projects range from rigorous academic, observational studies to independent, interpretive projects. Students draw directly from live models using a variety of drawing media such as graphite, charcoal, ink, color pastel, and watercolor. Explores

the human figure through aesthetic, conceptual and historical contexts that inform representations of the figure in past and contemporary cultures.

Prerequisites

VMAP 211 or VMAP 112; or the former ARTS 105 or 201

VMAP 252 Observational/Representational Painting: The Figure and Its Spaces

Units: 1

Description

Emphasizes observational skills and the conventions of representational art while exploring the human figure and its contextual spaces as subjects. Develops methods of oil and/or water-based painting and how to assess subject, form and content in a work of art. Begins with traditional academic methods for representing the figure working directly from live model before exploring a series of independent approaches to the figure. Includes historical and contemporary contexts for interpreting the human figure.

Prerequisites

VMAP 211 or VMAP 113; or the former ARTS 105 or 205

VMAP 253 Painting: Abstract, Conceptual, Process, and Material

Units: 1

Description

Emphasizes interpretive and independent based studies while exploring abstract, conceptual, and process/system-based painting. Variety of paint media (ex. Oil, water-based, non-traditional, etc.) and surfaces/supports (ex. Canvas, various papers, polypropylene, wood panel, patterned fabrics, ephemeral supports, non-traditional, etc.) used to investigate historical, contemporary and experimental methods of painting. Refines critical skills in examining painted content, including its forms, concepts, and contexts.

Prerequisites

VMAP 211 or VMAP 113; or the former ARTS 105 or 205

VMAP 254 Sculpture Methods: Materials and Processes

Units: 1

Description

Intermediate-level course engaging students in the material exploration of a variety of sculptural media and processes within the context of contemporary art. Emphasis upon wood fabrication, metal fabrication, mold making and casting, and mixed-media objects and installation. Lectures, presentations, and critiques that address problems dealing with perception, the conceptualization of space, and objects in space.

Prerequisites

VMAP 211 or VMAP 114; or the former ARTS 108, 208, or 210

VMAP 255 Sculpture Methods: Computer Modeling and Fabrication

Units: 1

Description

Intermediate-level course in the exploration of computer modeling techniques within the context of contemporary sculptural practice. Emphasis is upon using 3D printing, laser cutting, and CNC routing to fabricate three-dimensional forms, multiples, and installations. Students participate in lectures, presentations, and critiques that address current issues in the field of sculpture and technology-based

production, as well as problems dealing with perception, the conceptualization of space, and objects in space.

Prerequisites

VMAP 211 or VMAP 114; or the former ARTS 108, 208, or 210

VMAP 256 Printmaking Techniques and Concepts

Units: 1

Description

Builds upon the concepts, techniques and media introduced in the two foundation-level classes and introduces printmaking in the context of creative graphic arts as well as an image/multiple image-making tool in media such as installation, sculpture and graphic design. Work in woodcut, intaglio, screenprint and lithography on paper and alternative surfaces. Explores digital image making and printing methods as well as multi-color printing, postprinting interventions, and printmaking applications beyond the paper surface.

Prerequisites

VMAP 212 or VMAP 115; or the former ARTS 105, 206, or 225

VMAP 257 Artist's Book

Units: 1

Description

Introduction to bookbinding (Western and non-Western), material and digital printing techniques, and typesetting skills through work on individual and collaborative studio projects. Explores concepts such as sequencing, text and image, and content and structure relationships. Study of the evolution of the artist's book and contemporary practice in this medium, basic bookbinding and printing skills, and creation of artist books using woodcut, photopolymer etching, digital text and imaging tools, and collage and extended media.

Prerequisites

VMAP 212 or 115; or the former ARTS 206 or 225

VMAP 258 Darkroom Photography

Units: 1

Description

Introduction to the fundamental, technical, and aesthetic issues of black and white photography with an emphasis on using the medium for personal expression. Students confront a series of problems that are designed to increase their understanding of basic camera operation, darkroom techniques, and art making strategies. The history of photography is covered through the study of historical and contemporary works and different styles of photography are explored through lectures, presentations, critiques, and assignments.

Prerequisites

VMAP 212 or VMAP 116; or the former ARTS 109, 204, 219, or 265

VMAP 259 Digital Photography

Units: 1

Description

Introduction to the field of digital photography and digital imaging within the context of contemporary art. Production of original works of art while studying the impact of technology upon human perception, visual art, and contemporary culture. Emphasis upon the ways in which digital technologies have transformed our understanding of traditional photographic media.

Prerequisites

VMAP 212 or VMAP 116; or the former ARTS 109, 204, 219, or 265

VMAP 260 Thematic Explorations in Sound and Video Art  
Units: 1

Description

Intermediate-level course in the study and production of sound and video within the context of contemporary art. Each year, the thematic focus of this course will change based upon current trends in the field. Possible topics may address methods of production (audio/video synthesis, online broadcasting, or multimedia performance and installation), genres significant to the field of contemporary art (appropriation, performance, documentary, narrative), or broader themes that have sustained lasting interest and significance (landscape and the environment, protest and social practice, media criticism, gender and identity politics). In addition to learning production and postproduction techniques, students participate in seminar discussions and presentations that seek to expand our understandings of the theme and/or mode of production in question. May be repeated for credit.

Prerequisites

VMAP 212 or VMAP 117; or the former ARTS 109; or FMST 202 or 203

VMAP 261 Independent Film and Video: Curatorial Practice and Presentation

Units: 1

Description

Introduction to all aspects of researching, curating, promoting and presenting public programs of independent film and video art. Research on and participation in seminar discussions, presentations, and readings pertaining to the field prior to developing a curatorial theme or framework for a screening series, festival and/or gallery exhibition. Once determined, students preview works from the collections of international film and video art distributors, resulting in a curated program of works to be presented publicly at the close of the semester. In addition to programming, students are responsible for writing curatorial program descriptions, film and video synopses, and designing program brochures, posters, and websites. Through this process, students are exposed to contemporary trends in the field of independent film and video art while developing skills in graphic design, comparative analysis, writing about art and media, and presenting challenging work to a captive audience.

Prerequisites

VMAP 212 or VMAP 117; or the former ARTS 109; or FMST 202 or 203

VMAP 262 Digital America Journal and Internet Art History

Units: 1

Description

Focuses on internet history and corresponding internet and digital arts practices. Students also edit and publish the online journal Digital America as they study and curate submissions throughout the semester. Students work as editors, curators, and contributors to the journal while developing a context for digital scholarship and art through readings and discussions.

VMAP 263 Digital America Journal Design and Production

Units: 1

Description

Focuses on online content and editorial production within the arts and beyond by examining UX/UI design, digital platforms, and production practices. Students will focus on producing the bi-yearly issue of the journal, which includes reviewing and curating submissions, redesigning the website, reviewing and updating our outreach practices, and more.

Prerequisites

VMAP 262

VMAP 279 Selected Topics

Units: 1

Description

Examples of past courses include: printmaking and cross-cultural communication, figure and narrative, and comic books and zines. May be repeated for credit if topics differ.

VMAP 300 Drawing Media Studio

Units: 1

Description

Studio-intensive course providing students with the opportunity to independently conceive and develop projects that expand their prior knowledge of drawing-based media. Emphasis is placed upon developing a personal voice while exploring various techniques and advanced concepts in drawing. Projects that integrate or extend into media such as painting, printmaking, sculpture, and video, are supported. Prepares students for the advanced and thesis-levels of our curriculum where working across media is encouraged. May be repeated for credit.

Prerequisites

VMAP 211 or VMAP 112 or the former ARTS 105 or 201; or VMAP 250 or VMAP 251

VMAP 302 Painting Media Studio

Units: 1

Description

Productive and critical framework for creating independently conceived painting projects within a broad array of painting media, multimedia, and interdisciplinary contexts. Emphasis will shift between highly focused and exploratory processes as each student develops coherence between paint's materiality, supports, concepts, and context. Encourages historical and experimental methods and includes painting's extension into other media such as photography, printmaking, film, video, and sculpture. Prepares students for the advanced and thesis-levels of our curriculum where working across media is encouraged. May be repeated for credit.

Prerequisites

VMAP 211 or VMAP 113 or the former ARTS 105 or 205; or VMAP 252 or VMAP 253

VMAP 304 Sculpture Media Studio

Units: 1

Description

Constructive and critical framework to develop independently conceived projects in a wide spectrum of sculptural media. Emphasis on the production of works that bridge material processes in wood, metal, and various forms of casting with contemporary tools such as 3D printing, laser cutting, and CNC routing. The production of multi-media installations that incorporate or extend into areas such as painting, printmaking, photography, and digital or electronic media is both supported and encouraged. Prepares students for the

advanced and thesis levels of our curriculum where working across media is common practice. May be repeated for credit.

Prerequisites

VMAP 211 or VMAP 114 or the former ARTS 108, 208, or 210; or VMAP 254 or VMAP 255

VMAP 306 Printmaking Media Studio

Units: 1

Description

Studio-intensive course providing a constructive and critical framework to develop independently conceived projects across a variety of printmaking media. Emphasis on the exploration of advanced processes and concepts while deepening student's appreciation for printmaking, broadening their knowledge of the history of print-media, and developing an understanding of contemporary printmaking practices. Projects that integrate or extend into areas such as painting, photography, sculpture, and mixed-media installation, are supported. Prepares students for the advanced and thesis-levels of the curriculum where working across media is common practice. May be repeated for credit.

Prerequisites

VMAP 212 or VMAP 115 or the former ARTS 105, 206, or 225; or VMAP 256 or VMAP 257

VMAP 308 Photography Media Studio

Units: 1

Description

Independent conception and development of projects that expand prior knowledge of digital and/or darkroom photography, image post-production, and printing techniques. Photo-based projects that integrate or extend into other media such as painting, printmaking, film, and video, are supported. Prepares students for the advanced and thesis-levels of the curriculum where working across media is encouraged. May be repeated for credit.

Prerequisites

VMAP 212 or VMAP 116 or the former ARTS 204, 219, or 265; or VMAP 258 or VMAP 259

VMAP 310 Time-Based Media Studio

Units: 1

Description

Critical framework to develop independently conceived projects in a variety of media. Production of electronic time-based works that integrate animation, film, sound, video and performance into interactive, mixed-media installations that may also incorporate other art making processes such as painting, photography, printmaking, and sculpture. A variety of electronic tools (analog and digital) that expand or augment more traditional forms of time-based media are developed and explored. Prepares students for the advanced and thesis-levels of the curriculum where working across media is encouraged. May be repeated for credit.

Prerequisites

VMAP 212 or VMAP 117 or the former ARTS 109, or VMAP 260 or VMAP 261, or FMST 202 or FMST 203

VMAP 351 Contemporary Theory and Practice for Artists

Units: 1

Description

Introduction to international contemporary art, theory, and criticism with the purpose of increasing critical aptitude and deepening understanding of art and visual culture. Examines

the lasting impact of avant-garde practices as well as current trends in the visual arts. Research contemporary art practices through intensive reading, writing, and seminar discussions. Junior-level requirement for all VMAP majors.

Prerequisites

VMAP 211 and VMAP 212, or the former ARTS 105, 106 and 109. Special Note: For Juniors Only - to be taken in Spring of Junior Year

VMAP 375 Contextual Practice

Units: 1

Description

Interdisciplinary context, changing each year according to the instructor's expertise and creative interests, as a framework to inform the research and production of independent student projects. Possible areas of focus include relational aesthetics and participatory art, public interventions and installations, or environmentally and politically engaged art. Emphasis on media exploration and experimentation, and the development of artworks that cross boundaries of what is commonly considered "art." Advanced-level course, a junior-level requirement for all VMAP majors. Also appropriate for non-majors with broad creative interests. May be co-taught with a faculty member of guest artist from another discipline.

Prerequisites

VMAP 211 and VMAP 212, or the former ARTS 105, 106 and 109. Special Note: For Juniors Only - to be taken in Spring of Junior Year

VMAP 388 Individual Internship

Units: .25-1

Description

Supervised work experience at approved artist's studio, museum, or gallery. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Departmental approval.

VMAP 395 Independent Study

Units: .25-1

Description

Individually designed program under faculty supervision. Independent studies cannot be substituted for required courses in the Visual and Media Arts Practice major.

Prerequisites

Departmental approval.

VMAP 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Departmental approval.

VMAP 465 Advanced Studio Practice

Units: 1

Description

Senior-level open studio course. Students propose an independently conceived body of work in any medium or media of their choice. Emphasis on the development and completion of a cohesive body of work grounded in independent research and supported by resolved written statements. Provides students with the opportunity to develop a sustainable studio practice that embodies rigorous research, conceptual problem solving, and an in-depth understanding of how their practice exists within field of contemporary art. Work presented in the form of critiques as well as more formal presentations to the Department of Art and Art History faculty. Following a successful final review, the Visual and Media Arts Practice faculty grant acceptance into ARTS 466: Senior Thesis Exhibition.

Prerequisites

VMAP 211 and VMAP 212, or the former ARTS 105, 106 and 109; and VMAP 351 and 375 or the former ARTS 351 and 375. Special Note: For Seniors Only - to be taken in Fall of Senior Year

VMAP 466 Senior Thesis Exhibition

Units: 1

Description

Graduating Visual and Media Arts Practice majors are granted acceptance into this course based upon a successful review of their performance in ARTS 465: Advanced Studio Seminar. In addition to preparing their work for exhibition, students write thesis papers to support their research and creative work and learn practical skills for developing careers as professional artists. This course concludes with a thesis exhibition in the Harnett Museum of Art, where students publicly present their work in the form of a gallery talk, and an off-campus group exhibition that is organized, installed, and promoted as a collaborative class effort.

Prerequisites

VMAP 211 and VMAP 212, or the former ARTS 105, 106 and 109; and VMAP 351 and 375 or the former ARTS 351 and 375; and VMAP 465 or the former ARTS 465, and permission of the Department. Special Note: For Seniors Only - to be taken in Spring of Senior Year

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## Wellness

Health Promotion

*Heather Sadowski, Director of Health Promotion*

*Sarah Sheppard, Health Educator*

*Kaylin Tingle, Sexual Misconduct Prevention Educator*

In keeping with the University's objective of fostering knowledge and personal well-being, every undergraduate student will complete a four part wellness series prior to graduation. Before arriving on campus, first year and transfer students will complete both Alcohol Edu and Haven, an online alcohol prevention and education program. Once on campus, students will complete a two-hour alcohol seminar (WELL 085) specific to policies of the University and the Commonwealth of Virginia. Students are also required to complete two WELL 090 health education topics courses. Classes are geared towards topics that will promote academic success and personal health.

As part of the University's on-going commitment to sexual misconduct education and prevention, all second year

students will be required to complete, Every Choice, an online bystander training program (WELL 086) focusing on sexual misconduct prevention education. The course provides students with awareness, education and skills practice to assist them with engaging in proactive behaviors to intervene in situations of sexual misconduct. Upon completion, students will be equipped with basic bystander skills that will allow them to identify multiple options for intervention and assist them with identifying obstacles that would prevent action. The course will also inform students about sexual misconduct resources on and off campus resources. The course must be complete in the first six weeks of the semester.

The wellness program, a division of student development, is responsible for the wellness graduation requirement. The wellness graduation requirement consists of the following classes:

UR Aware (WELL 085) Alcohol Awareness Program

Plus 2 (WELL 090) a wellness topic of choice

Plus 2 (WELL 090) a second wellness topic of choice

Bystander Education Program (WELL 086)

Each course is graded with an S or U (Satisfactory/Unsatisfactory). Students will have an administrative hold put on their record if they have not satisfactorily completed one or both of the following: WELL 085 by the end of their first year of matriculation; WELL 086 by the sixth week of their second year of matriculation. This hold will prevent them from being able to register until they have made arrangements to take the class(es).

### Courses

WELL 085 URAWARE: Alcohol Awareness Program

Units: 0

Fulfills General Education Requirement (WEL1)

Description

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. Student will first complete Alcohol Edu, an on-line alcohol prevention and education program followed by a two-hour on-campus alcohol seminar.

WELL 086 Bystander Education Program

Units: 0

Fulfills General Education Requirement (WEL2)

Description

Provides students with awareness, education and skills practice to assist them with engaging in proactive behaviors to intervene in situations of sexual misconduct. Basic bystander skills to identify multiple options for intervention and identifying obstacles that would prevent action. Also provides sexual misconduct resources on and off campus resources. Must be complete in the first six weeks of the semester.

WELL 090 PLUS2: Wellness Topics

Units: 0

Fulfills General Education Requirement (WEL2)

Description

The wellness topic component of the wellness graduation requirement. Students will be offered a choice of health and wellness topics every semester. Sample topics include nutrition, sexual health, relationships, and stress management. 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 sophomore year. (The wellness requirement carries no credit, but is billed at a tuition rate equivalent to .25 units of credit for the cost of instruction.)

WELL 200 College Student Development: Applications to Residential Life

Units: 0

Fulfills General Education Requirement (WEL2)

Description

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 a residential setting.

Prerequisites

Must be a recently-selected residential life staff member or receive instructor's permission to enroll.

### Women, Gender and Sexuality Studies

*Erika Damer, Coordinator*

*Del McWhorter, Stephanie Bennett-Smith Chair of Women, Gender & Sexuality Studies*

*Joint appointed faculty: Erika Damer (Classics), Dorothy Holland (Theatre & Dance), Mariela Mendez (Latin America, Latino, & Iberian Studies), Mari Lee Mijfsud (Rhetoric & Communication Studies), Kathleen Skerrett (University Professor), Andrea Simpson (Political Science), Julietta Singh (English), Sydney Watts (History)*

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; and 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 must be no less than 2.00 with no course grade below C (2.0).

10 units, including:

WGSS 200 Introduction to Women, Gender & Sexuality Studies



One unit each from the following five categories:

Feminist and Queer Theories

Methods for Knowledge Production

Gender and Violence

Transnational Perspectives

Historical Perspectives

Three elective units, chosen from areas above or additional approved classes (no more than .5 unit of internship credit may count toward the major)

WGSS 490 Capstone Seminar

Students are expected to fulfill all prerequisites necessary for courses within the major. Prerequisites do not count toward the major unless otherwise noted.

### The Women, Gender and Sexuality 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 (2.0).

Five units, including:

WGSS 200 Introduction to Women, Gender & Sexuality Studies

One unit in Feminist and Queer Theories

Three electives units

No more than .5 unit of internship may count.

Students are expected to fulfill all prerequisites necessary for courses within the minor. Prerequisites do not count toward the minor unless otherwise noted.

### 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. You will need to make arrangements with the instructor and the women, gender, and sexuality studies coordinator at the beginning of the semester in order to count courses marked with an asterisk towards the WGSS major or minor. A comprehensive listing of courses is published each semester on the WGSS website and should be taken as the final arbiter for women, gender and sexuality studies credit. One (1) FYS course taught by a WGSS faculty member may count toward the major or minor by approval of the Program Coordinator after consultation with the Board

### Feminist and Queer Theories

ENGL 376 Modern Literary Theory: Queer, Feminist, Post Humanist Literary Theory

FYS 100 The Politics of Sexual Education

PLSC 379/WGSS 379 Critical Race Theory

RELG 255 Queers in Religion

RHCS 103 Introduction to Rhetorical Theory\* (Mifsud only)

RHCS 412 Philosophy of Communication

THTR 370 Staging Gender

WGSS 202 Queer Theories

WGSS 279 Feminist Theory

WGSS 379 Feminist Theories

WGSS 379 Race in Feminist and Queer Thought

### Methods for Knowledge Production

AMST 381/RHCS 412 Digital Memory and the Archive

AMST 398/ENGL 399/THTR 249 Documentary Theatre: Aids Epidemic

ENGL 237 Queer Literature

HIST 400 The U.S. in the Long 1960s

RHCS 105 Media, Culture, and Identity\*

RHCS 295 Doing History and Theory\*

SOC 279/AMST 381 ST: The System

VMAP 306 Printmaking Media Studio\*

WGSS 257/RHCS 279 Methods in Digital Humanities

### Gender and Violence

ANTH 303 Biopolitics and Medical Anthropology\*

ENGL 239 Vampires in Literature & Film

FYS 100 Ancient Greek Rhetorics of Gender Violence

FYS 100 Gender, Violence and Ancient Rome

HIST 199 Harems and Veils: Women and Gender in Muslim Societies

HIST 199 Scottsboro Trials

HIST 265 Gender and Sexuality in Latin America

HIST 399 ST: Sex, Gender, and Family in Modern Europe

LAIS 475 Writing Sex and Gender in Latin America

RELG 253 Body/Sex in World Religions

RHCS 412 Gender Violence

WGSS 379 Human Rights: A Feminist Perspective

**Transnational Perspectives**

ENGL 236 Global Women Writers

GERM 451 Deviant Bodies in German Culture

HIST 391 Transnational Social Reform

HIST 400 Transnational U.S. South

LAIS 452 Spanish-American Poetic Texts

LAIS 475 Writing Sex and Gender in Latin America

LAIS 497 ST: Embodied Politics in Comp. Latin Am. Race, Gender, Sex, and Performance

THTR 229 Going Solo: The Politics of Identity in Contemporary Solo

THTR 239 Latinx on Stage\*

WGSS 203/HIST 240 Human Rights and Revolution in the Atlantic World (1750-1850)

WGSS 379 Transnational Feminisms

**Historical Perspectives**

AMST 381/THTR 312 Growing up In Civil Rights VA

ARTH 227 Gender and the Arts of Japan

ARTH 279 ST: Art as Political Action

CLSC 302 Roman Art and Archaeology\*

CLSC 308 Ethnicity, Gender, and Class in Greece and Rome

HIST 199 Joan of Arc/Marie Antoinette

HIST 306 American Identities

HIST 380 Women and Gender in African History

LDST 361 Sex, Power, and Politics

MUS 235 I Want My MTV: Music Video and the Transformation of the Music Industry\*

RELG 257 Native American Religions\*

RELG 273 Witchcraft and Its Interpreters

RHCS 355 Rhetoric, Media & US Feminism 1830-1980

RHCS 361 Rhetoric, Media + 1960

THTR 319 Theatre History II

**Additional Electives**

AMST 398 ST: Disaster, Memory, and Popular Culture\*

ANTH 300 Sexuality and Gender Across Cultures

ANTH 306 Tourism and Anthropology

ANTH 328 Anthropology of Human Rights

ANTH 350 Sex and Gender in the Middle East

ANTH 379/PLSC 397 Bringing Human Rights Home

ARTH 279: ST: Women's Patronage in Antiquity & the Middle Ages

CLSC 205 Ancient Myth in Epic Poetry\*

CLSC 207 Greek Magic\*

CLSC 210 A History of Early Medicine\*

CLSC 301 Greek Art and Archaeology\*

EDUC 340 Gender and Education\*

EDUC 346 Philosophy of Education

ENGL 203 Children's Literature\*

ENGL 216 Literature, Technology and Society\*

ENGL 229 The Black Vernacular: Hair

ENGL 230 Women and Modern Literature

ENGL 369 American Culture/American Film\*

ENGL 370 ST: Politics, Social Change and Modern Drama\*

ENGL 400 J/S Sem: Black Style

ENGL 400 Woolf/Mansfield

GERM 472 Culture Wars & Identity Debates in German Society from Empire to EU

HIST 216 American Cultural and Intellectual Hist since 1865

HIST 218 State and Society in the US since 1945\*

HIST 219 Work in the 20th Century America\*

LDST 386/ PSYC 359 Leadership in a Diverse Society

LING 203 Introductory Linguistics\*

LLC 210 Women, Virtue & Temptation in Lit

LLC 341 Gender and Sexuality in 19th Century France

MUS 134 Songbirds and Sirens	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.
MUS 137 Gender, Sex, and Romantic Piano	
MUS 338 Special Topics in Music History, Theory or Music Education*	
PHIL 314 Philosophy of Science*	WGSS 201 WILL* Colloquium: Gender, Race and Activism Units: 1 Description Explores the link between knowledge/power and between theory/practice by examining and applying foundational terms and concepts central to social justice work. Prerequisites Enrollment in the WILL Program.
PHIL 363 Power and Politics*	
PHIL 382 Moral Persons and Corporate Persons*	
PHIL 382 TS: Seminar in Michel Foucault*	
PLSC 361 The Politics of Social Welfare	WGSS 202 Queer Theories Units: 1 Description Explores a range of queer theoretical approaches. Special attention will be paid to intersectionality, the social construction of identities, and how these constructed identities impact knowing, ethical reasoning, and conduct. Engagement of the theoretical underpinnings of political, ethical, or cultural issues.
RELG 210 Sex and Salvation: 19th Century America	
RELG 347 Women in Early Christianity	
RELG 350 The Dao of Sex	
RELG 375 Cults, Communes and Utopias in Early America*	
RHCS 347 Advertising & Consumer Culture*	WGSS 203 Human Rights and Revolution in the Atlantic World (1750-1850) Units: 1 Description (Same as HIST 240)
RHCS 353 Rhetoric and Law*	
RHCS 412 Digital Memory and the Archive	
RHCS 412 Communication and the Gift*	WGSS 257 Introduction to Digital Humanities Units: 1 Description Explores applying computational methods including text analysis, mapping, and network analysis to humanities data.
SOC 101 Foundations of Society: Introduction to Sociological Analysis (Richards or Grollman only)	
SOC 216 Social Inequalities*	
SOC 255 Sport in Society*	WGSS 279 Selected Topics Units: 1 Description Varying issues of current relevance and importance to women, gender and sexuality studies. May be repeated for credit when topic varies.
SOC 302 Social Movements*	
SOC 316 Race and Ethnicity in America*	
SOC 319 Gender and Sexualities	WGSS 280 Gender and Work Units: 1 Description Examines the gendered nature of both historical and contemporary workplace issues from a global perspective. Gender and workplace issues will be examined from theoretical, historical, comparative perspectives.
SOC 340 Medical Sociology*	
SOC 379 The Life and Times of Malcolm X	
THTR 312 Lady Gaga	
THTR 321 History of Apparel*	WGSS 301 WILL* Senior Seminar Units: .5 Description Community based learning course for students to connect WGSS theory and praxis, a central tenet of the WILL* program, and reflect on their WGSS learning. Prerequisites WILL* program participant.
WGSS 279 Women's Health	
<b>Courses</b>	
WGSS 200 Introduction to Women, Gender & Sexuality Studies Units: 1 Fulfills General Education Requirement (FSSA) Description	WGSS 379 Selected Topics Units: 1

Description

Varying issues of current relevance and importance to women's studies. May be repeated for credit if topics differ.

WGSS 388 Individual Internship

Units: .5-1.5

Description

No more than .5 units of internship may be applied to the women, gender, and sexuality studies major or minor. No more than 1.5 units of internship in any one department and 3.5 units of internship overall may be counted toward required degree units.

Prerequisites

Permission of department.

WGSS 398 Independent Study

Units: .5-1

Description

Pass/fail grading may be designated by department for certain enrollments.

Prerequisites

Permission of department.

WGSS 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer fellowships to conduct research [or produce a creative arts project] in the summer. The work must take place over a minimum of 8 weeks, the student must engage in the project full-time (at least 40 hours per week) during this period, and the student must be the recipient of a fellowship through the university. Graded S/U.

Prerequisites

Approval for summer Arts and Sciences fellowship by faculty mentor

WGSS 490 Senior Capstone Experience

Units: 1

Description

Special topics seminar for senior WGSS students only, both majors and minors, but required only for majors. The special topics will be selected per Capstone professor's choice and designed to advance research in Women, Gender, and Sexuality Studies.

Prerequisites

Women, Gender and Sexuality Studies 489.

## Undergraduate Study at The Robins School of Business

### Mission

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The mission of the Robins School of Business is to develop an active learning community in which excellent teaching, scholarship, and service are integrated to stimulate intellectual inquiry as the foundation for responsible leadership in the global business environment.

### Pursuing a Major or Minor in the Robins School of Business

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To declare a major or minor in the Robins School of Business (Business Administration, Economics or Accounting) a student must have earned at least a 2.7 GPA, after completing at least 12 units of college coursework, including ECON 101, ACCT 201, and MATH 211 (or their equivalents). All students declaring a major or minor in the Robins School of Business must first pass an online Excel competency exam. Students will have three attempts to demonstrate competency with a grade of 80% or higher. This is not for a grade or academic credit. Students may declare as soon as these criteria are satisfied, but have until the end of the first two weeks of their junior fall semester to declare a business major or minor.\* Students not meeting these criteria may appeal to the RSB Enrollment Appeals Committee one time. Those denied upon appeal may not declare any Robins School major nor a minor in Business, and must pursue a different academic program of study.

Sophomore transfer students interested in declaring a major or minor in the Robins School of Business (Business Administration, Economics or Accounting) must have earned at least a 2.7 GPA, after completing at least 12 units of college coursework, including ECON 101, ACCT 201, and MATH 211 (or their equivalents), and at least one semester of coursework at the University of Richmond. All students declaring a major or minor in the Robins School of Business must first pass an online Excel competency exam. Students will have three attempts to demonstrate competency with a grade of 80% or higher. This is not for a grade or academic credit. Students may declare as soon as these criteria are satisfied, but have until the end of the first two weeks of their junior fall semester to declare a business major or minor.\* Students not meeting these criteria may appeal to the RSB Enrollment Appeals Committee one time. Those denied upon appeal may not declare any Robins School major nor a minor in Business, and must pursue a different academic program of study.

Junior transfer students interested in declaring a major or minor in the Robins School of Business (Business Administration, Economics or Accounting) must have completed at least 12 units of college coursework, including ECON 101, ACCT 201, and MATH 211 (or their equivalents), and must have earned at least a 2.7 GPA after one semester at the University of Richmond. All students declaring a major or minor in the Robins School of Business must first pass an online Excel competency exam. Students will have three attempts to demonstrate competency with a

grade of 80% or higher. This is not for a grade or academic credit.

Students not meeting these criteria may appeal to the RSB Undergraduate Affairs Committee one time.\* Those denied upon appeal may not declare any Robins School major nor a minor in Business, and must pursue a different academic program of study.

\*class year as defined by GradTracker.

### **General Prerequisites for All Courses in the Robins School**

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Except by permission of the dean, Accounting 201, Economics 101-102, and Business Administration 202 are prerequisites to Marketing 320, Management 330 and 340, and Finance 360. In order to take core and/or upper level business classes, students must have a declared major or minor in the Robins School of Business or be identified as Pre-Business. In addition to the aforementioned pre-business and core courses, a major must complete Accounting 202, Business Administration 205, Management 325, and Business Administration 497 (or International Business 411 in the case of International Business concentration.) Students must also take an international business or international economics course, or complete a full semester University approved study abroad program.

### **Study Abroad**

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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 business programs may grant exemptions to this policy in extreme circumstances and/or for students studying abroad for an entire academic year.

### **Honors Program**

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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, 18 or more units completed

and, excluding coursework primarily for first-year students, 3.5 or more units 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.

### **Bachelor of Science in Business Administration (B.S.B.A.)**

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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. All business administration majors must choose one primary area of concentration. Students may choose a primary concentration in the areas of finance, economics, marketing, management, or international business. In addition, students may electively choose a second area of concentration in accounting or from those listed above.

Students may only have one major in the school of business, chosen from accounting, business administration, or economics. A concentration(s) may be attached to any of these majors but is only required for the business administration major.

Candidates for a B.S.B.A. must:

Satisfy the general degree requirements for graduation;

Complete the following pre-business courses:

- ACCT 201 Fundamentals of Financial Accounting
- ACCT 202 Fundamentals of Managerial Accounting (not required of accounting majors)
- BUAD 202 Statistics for Business and Economics
- BUAD 205 Business Communication
- ECON 101 Principles of Microeconomics
- ECON 102 Principles of Macroeconomics
- MATH 211 Calculus I

Complete the following core courses except as noted:

- BUAD 393 Business Law<sup>^</sup>
- BUAD 394 Business Ethics<sup>^</sup>
- BUAD 497 Strategic Management
- FIN 360 Principles of Financial Management
- MGMT 325 IT and Data Analytics
- MGMT 330 Organizational Behavior
- MGMT 340 Operations Management
- MKT 320 Principles of Marketing



^BUAD 393 and BUAD 394 are required for students entering the University fall 2018 and later. Students entering prior to fall 2018 must take BUAD 392. ECON 233 or LDST 450 may substitute for BUAD 394.

Maintain at least a 2.00 overall grade point average in school of business coursework;

Earn 17 units outside the Robins School of Business except for majors in economics or accounting. Included in these 17 units are the Business Administration major requirements: ECON 101, ECON 102, BUAD 202

Participate in a full semester University of Richmond approved study abroad program or complete a course with an international business or international business economics focus. The course may be selected from the following or a course chose in conjunction with the Associate Dean of International Business. This international focus course also may satisfy a concentration or major requirement.

ECON 210 The Economics of the European Union

ECON 211 Economic Development in Asia, Africa, and Latin America

ECON 215 International Monetary Economics

ECON 310 International Trade and Finance

ECON 315 Advanced International Macroeconomics

FIN 462 International Financial Management

IBUS 381 International Business Environment

IBUS 390 International Business Issues

MGMT 333 Cross-Cultural Management

MKT 325 International Marketing

Complete the requirements of one of the following major fields: accounting, business administration or economics.

All students declaring a major or minor in the Robins School of Business must first pass an online Excel competency exam. Students will have three attempts to demonstrate competency with a grade of 80% or higher. This is not for a grade or academic credit.

#### Majors

- Accounting
- Business Administration
- Economics

#### Minor

- Business Administration
- Entrepreneurship

#### Concentrations

- Business Analytics

- Economics
- Finance
- International Business
- Management
- Marketing

### Accounting

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*W. Darrell Walden, Chair*  
*Professors Bagranoff, Geiger*  
*Associate Professors Clikeman, Hoyle, Paik, van der Laan Smith, Vondryk, Walden*  
*Assistant Professors Austin, Kumas, Selby*

#### Mission-Accounting Department

The mission of the undergraduate accounting program within the Robins School of Business is to prepare students to be responsible accounting and business leaders in a global economy through the integration of superior instruction and intellectual inquiry in a liberal arts environment.

#### The Accounting Major

In addition to the requirements for the B.S.B.A. degree outlined below, all accounting majors must complete seven additional courses in accounting.

Candidates for a B.S.B.A. must:

Satisfy the general degree requirements for graduation

Complete the following pre-business courses:

ACCT 201 Fundamentals of Financial Accounting

BUAD 202 Statistics for Business and Economics

BUAD 205 Business Communication

ECON 101 Principles of Microeconomics

ECON 102 Principles of Macroeconomics

MATH 211 Calculus I

Complete the following core courses except as noted:

BUAD 393 Business Law

BUAD 394 Business Ethics

BUAD 497 Strategic Management \*

FIN 360 Principles of Financial Management

MGMT 325 IT and Data Analytics

MGMT 330 Organizational Behavior

MGMT 340 Operations Management

MKT 320 Principles of Marketing

\*The International Business concentration requires IBUS 411 in lieu of BUAD 497.

Participate in a full semester University of Richmond approved study abroad program or complete a course with an international business or international business economics focus. This international focus course also may satisfy a concentration or major requirement.

Required accounting core courses:

ACCT 301 Intermediate Financial Accounting I

ACCT 302 Intermediate Financial Accounting II

ACCT 305 Cost and Managerial Accounting

ACCT 307 Accounting Information Systems

ACCT 312 Federal Tax 1

ACCT 417 Auditing

ACCT 431 Advanced Financial Accounting

Substitutions in the accounting major are permitted if approved by the chair of the accounting department.

Note: A grade point average of no less than 2.0 in the accounting coursework comprising the major is required.

All students declaring a major or minor in the Robins School of Business must first pass an online Excel competency exam. Students will have three attempts to demonstrate competency with a grade of 80% or higher. This is not for a grade or academic credit.

### The 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.

In addition to satisfying the B.S.B.A. degree requirements for a Robins School major, the accounting concentration requires a minimum of four courses and a maximum of six chosen from:

ACCT 301 Intermediate Financial Accounting 1 (required)

ACCT 302 Intermediate Financial Accounting 2 (required)

Two to four courses additional, chosen from:

ACCT 305 Cost and Managerial Accounting

ACCT 307 Accounting Information Systems

ACCT 312 Federal Tax 1

ACCT 313 Federal Tax 2

ACCT 417 Auditing

ACCT 431 Advanced Financial Accounting

Notes: Both ACCT 301 and ACCT 302 are required in the concentration. Some of the accounting courses are not offered every semester or every year. Many of the upper-level accounting courses have prerequisites that should be taken into account when planning your curriculum.

### Courses

ACCT 201 Fundamentals of Financial Accounting

Units: 1

Description

Basic theory, concepts, and procedures necessary to develop and interpret financial (external) accounting reports.

ACCT 202 Fundamentals of Managerial Accounting

Units: 1

Description

Basic theory, concepts, and procedures necessary to develop and interpret managerial (internal) accounting reports.

Prerequisites

Accounting 201.

ACCT 301 Intermediate Financial Accounting 1

Units: 1

Description

Instruction on technical aspects and the theoretical development 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, as well as traditional lectures.

Prerequisites

ACCT 201.

ACCT 302 Intermediate Financial Accounting 2

Units: 1

Description

Instruction on technical aspects and the theoretical development 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, as well as traditional lectures.

Prerequisites

ACCT 301

ACCT 305 Cost and Managerial Accounting

Units: 1

Description

Study of effective product and service costing and use of accounting information for effective planning and control decisions, with emphasis on world-class organizations.

Prerequisites

ACCT 301 and junior or senior standing.

ACCT 307 Accounting Information Systems

Units: 1

Description

Introduction to information systems with specific emphasis on relational databases, business processes, information systems related risk, and internal controls.

Prerequisites

Accounting 301. Business School major.

ACCT 311 Commercial Law for Accountants

Units: 1

Description

Principles of law relating to the Uniform Commercial Code with emphasis on sales, commercial paper, secured transactions, banking laws, bailments and documents of title. Other topics may include real and personal property laws, insurance law, trusts and estates, agency, partnerships, corporations, and bankruptcy. Does not count toward the four upper-level accounting courses required for the accounting concentration.

Prerequisites

Accounting 301. Declared major or concentration in Accounting.

ACCT 312 Federal Tax 1

Units: 1

Description

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.

Prerequisites

Accounting 301. Business School major.

ACCT 313 Federal Tax 2

Units: 1

Description

Expanded study of federal tax laws affecting the various corporate entities, partnerships, estates, and trusts. Will also cover additional topics involving individual taxation.

Prerequisites

Accounting 312. Business School major.

ACCT 328 Directed Independent Study

Units: .5-1

Description

Independent research on an accounting topic conducted under the direct supervision of an instructor.

Prerequisites

Permission of instructor.

ACCT 329 Selected Topics

Units: .5-1

Description

Significant or current accounting topics not covered in other courses to enhance the accounting major.

Prerequisites

ACCT 202 and permission of instructor. Accounting major.

ACCT 417 Auditing

Units: 1

Description

Professional standards for evaluating and reporting on financial statements, and the ethical, legal, and competitive environment of auditing.

Prerequisites

Accounting 302. Business School major.

ACCT 418 Advanced Auditing

Units: 1

Description

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.

Prerequisites

ACCT 417.

ACCT 421 Accounting Research

Units: .5

Description

Basic theory, concepts, and procedures to effectively handle research in the accounting professional standards including the Accounting Standards Codification, the AICPA Professional Standards, the PCAOB Professional Standards and the Internal Revenue Code.

Prerequisites

ACCT 302 and senior standing

ACCT 431 Advanced Financial Accounting

Units: 1

Description

Specialized problem solving in accounting for business combinations, consolidations and foreign transactions.

Prerequisites

ACCT 302.

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## Business Administration

*Faculty from all departments in the Robins School of Business provide instruction in this area.*

### The Business Administration Major

In addition to the requirements for the B.S.B.A. degree outlined below, all business administration majors must complete a concentration. Except as otherwise noted on the concentration pages, a concentration area requires four courses minimum chosen from a single Robins School of Business department. A maximum of seven courses can be taken in any area of concentration.

Business administration majors must choose a concentration from the following areas: accounting, business analytics, economics, finance, international business, marketing, or management. A concentration in accounting or business analytics is always a secondary concentration to a primary concentration.

Candidates for a B.S.B.A. must:

Satisfy the general degree requirements for graduation

Complete the following pre-business courses:

ACCT 201 Fundamentals of Financial Accounting

ACCT 202 Fundamentals of Managerial Accounting

BUAD 202 Statistics for Business and Economics

BUAD 205 Business Communication

ECON 101 Principles of Microeconomics

ECON 102 Principles of Macroeconomics

MATH 211 Calculus I

Complete the following core courses except as noted:

BUAD 393 Business Law<sup>^</sup>

BUAD 394 Business Ethics<sup>^</sup>

BUAD 497 Strategic Management\*

FIN 360 Principles of Financial Management

MGMT 325 IT and Data Analytics

MGMT 330 Organizational Behavior

MGMT 340 Operations Management

MKT 320 Principles of Marketing

\*The International Business concentration requires IBUS 411 in lieu of BUAD 497.

<sup>^</sup> BUAD 393 and BUAD 394 are required for students entering the University fall 2018 and later. Students entering prior to fall 2018 must take BUAD 392.

Maintain at least a 2.00 overall grade point average in school of business coursework

Earn 17 units outside the Robins School of Business. Included in these 17 units are the Business Administration major requirements: ECON 101, ECON 102, BUAD 202

Participate in a full semester University of Richmond approved study abroad program or complete a course with an international business or international business economics focus. This international focus course also may satisfy a concentration or major requirement.

All students declaring a major or minor in the Robins School of Business must first pass an online Excel competency exam. Students will have three attempts to demonstrate competency with a grade of 80% or higher. This is not for a grade or academic credit.

### The Business Administration Minor

10 units, including:

MATH 211 Calculus I

ACCT 201 Fundamentals of Financial Accounting

ACCT 202 Fundamentals of Managerial Accounting

BUAD 202 Statistics for Business and Economics

ECON 101 Microeconomics

ECON 102 Macroeconomics

FIN 360 Principles of Financial Management

MGMT 330 Organizational Behavior

MGMT 340 Operations Management

MKT 320 Principles of Marketing

The business minor student must complete MATH 211, ACCT 201, and ECON 101 courses prior to declaring, and ACCT 201, ECON 101, ECON 102, and BUAD 202 requirements prior to enrolling in any other core business administration course.

All students declaring a major or minor in the Robins School of Business must first pass an online Excel competency exam. Students will have three attempts to demonstrate competency with a grade of 80% or higher. This is not for a grade or academic credit.

### Courses

BUAD 101 Introduction to Business

Units: 1

Description

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.)

BUAD 202 Statistics for Business and Economics

Units: 1

Description

Theory, methodology, and applications of statistics to contemporary business and economics problems. Includes descriptive statistics, probability theory, probability distributions, one- and two-population statistical inference, analysis of variance, correlation, and regression.

BUAD 203 Software Tools and Applications

Units: .5

Description

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.

BUAD 205 Business Communication

Units: .5

Description

Provides the student with a basic understanding of communication processes in the business environment. Practical experience is gained in written and oral communication as well as small group and interpersonal communication within the business perspective.

BUAD 310 Financial Statement Analysis

Units: 1

Description

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

ACCT 202, FIN 360 and Business School major.

BUAD 369 Special Topics

Units: .5-1

Description

Topics depend on mutual interests of instructor and students.

Intended primarily as elective for business students.

Prerequisites

Varies by topic and instructor.

BUAD 388 Internships

Units: 0.25

Description

Applied field experience for a minimum of 50 work hours. Following the field experience, a short paper is required that describes the organization's history, size, number of locations, ownership, products and services, major competitors, and major customers. Graded pass/fail. May be taken no more than once per academic year and may not be repeated more than twice without permission of the Dean. (Internship requirements do not apply to the summer internship program administered by the Office of International Education).

Prerequisites

Departmental approval.

BUAD 389 Directed Independent Study

Units: .5-1

Description

Specialized study or directed research in area of business or economics.

Prerequisites

Permission of instructor.

BUAD 392 Ethical, Social and Legal Responsibilities of Business

Units: 1

Description

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.

Prerequisites

Accounting 201, Business Administration 202, Economics 101-102. Business School major.

BUAD 393 Business Law

Units: .5

Description

Introduces the U.S. legal system and the regulatory environment of business. Topics will include commercial law, employment law, product liability, digital law, corporate governance, environmental law, and property law.

Prerequisites

ACCT 201, BUAD 202, ECON 101, ECON 102, Business School major.

BUAD 394 Business Ethics

Units: .5

Description

Identify ethical issues encountered in business settings and examine specific moral questions that arise vis-à-vis a firm's relation to society and to its employees. Current cases to illustrate the practical importance of reflection on these questions, and enable explicit identification, critical evaluation, and application to various frameworks for attributing moral responsibility and making ethical decisions. Cases may be drawn from marketing (manipulation of desire in the market, deceptive advertising), management (sweatshops, discrimination in hiring, privacy), finance (insider trading, corruption), accounting (conflicts of interest, fraud), or economics (asymmetric information, moral hazard).

The following courses may count as substituted courses: BUAD 392: Ethical, Social, and Legal Responsibilities of Business, ECON 233: Ethics and Economics, and LDST 450: Leadership Ethics.

Prerequisites

Accounting 201, Business Administration 202, Economics 101-102. Business School major or pre-business major.

BUAD 396 Advanced Business Law

Units: 1

Description

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.

Prerequisites

Accounting 201, Business Administration 202, Economics 101-102. Business School major.

BUAD 497 Strategic Management

Units: 1

Description

Analysis of the external environment and internal resources of a firm leading to the development of strategies and plans for implementing them. The course also provides opportunities for students to integrate knowledge from each of the functional business disciplines through case studies and other learning tools.

Prerequisites

Business Administration 202, Finance 360, Marketing 320, Management 330 and 340. Business School major. Senior standing.

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## Business Analytics

The Management Department provides instruction in this area.

*Doug Bosse, Chair*

*Professors Ashworth, Bosse, Eynan, Harrison, Ho, Tallman*

*Associate Professors Coughlan, Thekedi, Thompson, Whitaker*

*Assistant Professors Aronson, Chen, Courtney, Cruz, Mattson, Sutton*

### The Business Analytics Concentration

The Management Department offers a concentration in business analytics. This four-course concentration provides



students with the tools and technologies to analyze data for business applications. The business analytics concentration includes coverage of software such as SAS (Statistical Analysis Systems), SQL (Structured Query Language), and Python programming language, with applications in business process optimization and machine learning.

Business analytics can only be taken as a secondary concentration by students who have a primary major in accounting or economics (business), or another primary concentration in business administration (accounting, economics, finance, international business, management, marketing).

Requirements:

INFO 201 Data Analysis Software

INFO 301 Advanced Applied Statistics

INFO 302 Business Process Optimization

INFO 303 Machine Learning for the Business Analyst

In addition to the four required INFO courses in this concentration, students are recommended to take one related course in their primary concentration or major such as:

ACCT 307 Accounting Information Systems

ECON 370 Advanced Econometrics

ECON 372 Advanced Macroeconomics

FIN 461 Cases and Financial Modeling

MKT 423 Marketing Analytics

#### Courses

INFO 201 Data Analysis Software

Units: 1

Description

Software tools and technologies to analyze data for business and economics applications. Topics include SAS (Statistical Analysis System), SQL (Structured Query Language), and Python programming language.

Prerequisites

BUAD 202.

INFO 301 Advanced Applied Statistics

Units: 1

Description

Regression and simulation methods to solve complex problems in business, society, and the public sector. Selection of the correct statistical technique for the particular problem being solved, running statistical analyses using analytics tools that are commonly used in industry (e.g. SAS, SQL, and Python), and proper interpretation of the results to support data-driven decisions. Topics include regression analysis, limited dependent variable estimation, survival functions, and simulation.

Prerequisites

MGMT 325 and INFO 201.

INFO 302 Business Process Optimization

Units: 1

Description

Application of a variety of optimization techniques including linear programming, integer programming, dynamic programming and Markov Decision Processes. Development of optimization models, extraction of data from relational database systems to define model parameters, and implementation of models using optimization software. Interpret model output and develop visual displays to support recommendations and end users.

Prerequisites

MGMT 325 and INFO 201.

INFO 303 Machine Learning for the Business Analyst

Units: 1

Description

Process of investigating data through a machine learning lens. Application of machine learning techniques to real-world business use cases. Extract and identify useful features that best represent data, some of the most important machine learning algorithms, evaluate the performance of machine learning algorithms, and presentation (visualization) of results to business stakeholders.

Prerequisites

MGMT 325 and INFO 201.

#### Economics

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*Dean Croushore, Chair*

*Professors Croushore, Dolan, McGoldrick, Monks, Wight  
Associate Professors Craft, Curtis, Hamilton, Linask, Mago,  
Mebkari, Nicholson*

*Assistant Professors Rabe, Waddle, Zylkin*

#### The Economics Major for the Bachelor of Science in Business Administration Degree

In addition to the requirements for the B.S.B.A. degree outlined below, all Economics majors in the Business School must complete eight additional courses in economics.

Candidates for a B.S.B.A. must:

Satisfy the general degree requirements for graduation

Complete the following pre-business courses:

ACCT 201 Fundamentals of Financial Accounting

ACCT 202 Fundamentals of Managerial Accounting

BUAD 202 Statistics for Business and Economics

BUAD 205 Business Communication

ECON 101 Principles of Microeconomics

ECON 102 Principles of Macroeconomics

MATH 211 Calculus I

Complete the following core courses except as noted:

BUAD 393 Business Law

BUAD 394 Business Ethics

BUAD 497 Strategic Management \*

FIN 360 Principles of Financial Management

MGMT 325 IT and Data Analytics

MGMT 330 Organizational Behavior

MGMT 340 Operations Management

MKT 320 Principles of Marketing

\*The International Business concentration requires IBUS 411 in lieu of BUAD 497.

Participate in a full semester University of Richmond approved study abroad program or complete a course with an international business or international business economics focus. This international focus course also may satisfy a concentration or major requirement.

Eight economics core courses, including:

ECON 270 Introductory Econometrics

ECON 271 Microeconomic Theory

ECON 272 Macroeconomic Theory

Four units of economics electives (at least two of which must be at the 300 level)

ECON 480 Senior Capstone Seminar, or both ECON 490 Honors Seminar in Economics and ECON 491 Honors Thesis in Economics

Note: A grade point average of at least 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. Majors are encouraged to take ECON 101 and ECON 102 and BUAD 202 during their first year, and ECON 271 and ECON 272 during their second year. A basic foundation in calculus (e.g., MATH 190, MATH 211, MATH 212, MATH 232, and MATH 235) is required for ECON 271.

Students may plan their course load to pursue a general major in economics or to study a specific area in economics. Students interested in pursuing a graduate degree in economics are encouraged to seek advice concerning the honors program in economics, the mathematical economics major, and/or taking MATH 235 Multivariate Calculus, MATH 245 Linear Algebra, and MATH 321 Real Analysis.

All students declaring a major or minor in the Robins School of Business must first pass an online Excel competency exam. Students will have three attempts to demonstrate competency with a grade of 80% or higher. This is not for a grade or academic credit.

### The Economics Concentration (for Business Administration majors only)

Four courses, including:

Econ 271 Microeconomic Theory

Econ 270 Introductory Econometrics or Econ 272 Macroeconomic Theory

Two units of economics electives, at least one of which must be at the 300 level

### Honors Program

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

1. ECON 490;
2. ECON 491;
3. Two 300-level electives taken for honors credit;
4. A student enrolled in ECON 490 and ECON 491 writes an honors thesis and presents it to the Economics faculty and other honors students.

### Courses

ECON 101 Principles of Microeconomics

Units: 1

Fulfills General Education Requirement (FSSA)

Description

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.

ECON 102 Principles of Macroeconomics

Units: 1

Description

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.

Prerequisites

ECON 101.

ECON 105 Introduction to Global Economics

Units: 1

Description

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. Cannot be used as an elective toward the arts and sciences or business school economics major or toward the business administration major. Students with majors in the School of Business may not register for ECON 105.

ECON 120 Conversations in Economics

Units: .5

Description

Topics course in economics, providing students with insight into many applications of economics.

Prerequisites

ECON 101.

ECON 200 The Economics of Money, Banking and Financial Markets

Units: 1

Description

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

ECON 101 and 102.

ECON 201 Games and Experiments in Economics

Units: 1

Description

Introduction to game theory. Based on a scientific metaphor that many interactions that we do not usually think of as games such as market competition, collusion, auctions, elections, bargaining can be treated and analyzed as games. Study of how to recognize and model strategic situations, how and when their actions will affect the decisions of others, and how to gain advantage in strategic situations.

Prerequisites

ECON 101

ECON 210 The Economics of the European Union

Units: 1

Description

Seminar-style economics class on economic foundations underlying the past, present and future of the European Union. Combines lecture material on the economics of regional integration with reading-, writing-, and discussion-intensive activities meant to illuminate the past 70 years of European integration and raise important questions for its future.

Prerequisites

ECON 101 and 102.

ECON 211 Economic Development in Asia, Africa and Latin America

Units: 1

Description

Comparative analysis of economic growth, income and wealth distribution, trade and finance, population, agriculture, and industrialization in Latin America, Africa, and Asia.

Prerequisites

ECON 101 and 102.

ECON 215 International Monetary Economics

Units: 1

Description

Provides an introduction to the fields of open-economy macroeconomics and international finance. The course builds upon the closed-economy models of previous courses and extends them by considering the impacts of domestic and foreign policies on key variables such as interest rates, output, current accounts, and exchange rates. Additional topics covered include national income accounting, government intervention, and the history of international monetary systems.

Prerequisites

ECON 101 and 102.

ECON 220 History of Economic Thought

Units: 1

Description

Survey of the development of economic analysis with emphasis on early mercantilist writers, Adam Smith and the evolution of the Classical School, the Neoclassical revolution, Marxian economics and socialism, Keynesian economics, Austrian economics, and new classical economics.

Prerequisites

ECON 101 and 102.

ECON 221 American Economic History

Units: 1

Description

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

ECON 101 and 102.

ECON 230 Environmental Economics

Units: 1

Description

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, climate change, natural resource damage assessment, measurement of environmental values, and alternative strategies for pollution control.

Prerequisites

ECON 101.

ECON 231 Law and Economics

Units: 1

Description

Application of economic analysis to the field of law. Using goals of efficiency and wealth maximization, shows how economic theory can unify property law, contract law, tort law, and criminal law, as well as offering new insights to traditional legal questions.

Prerequisites

ECON 101.

ECON 233 Ethics and Economics

Units: 1

Description

Explores ethical considerations that arise in economic analyses. In positive economics, how are choices informed by considerations of duty or virtue (in addition to utility)? In normative economics, how do concepts of welfare and efficiency derive from ethical theories, and how have these changed over time? What competing ethical theories add to our understanding of public policy issues? Preparation for a complex world when economic analysis is viewed as complementary to a critical-thinking process about ethical frameworks. Addresses additional questions such as: What is

the moral philosophy behind capitalism? What are the moral limits to markets? Do businesses create and rely upon moral capital?

Prerequisites  
ECON 101.

ECON 234 Urban Economics

Units: 1

Description

Introduction to the field of urban and regional economics. Study of urban growth and decline, the monocentric city model, and urban challenges. Application and interpretation of computer-generated statistical output.

Prerequisites

ECON 101 and 102.

ECON 242 Introduction to Computing Techniques for Economics and Business

Units: 1

Description

Basics of programming and application to solve economics/business problems. Topics include introductions to input/output, basic types and data structures, decision structures, repetition structures, functions, recursion, and parallel programming. Skills to solve economics/business problems that require extracting and analyzing data, building and solving basic models, and automating basic tasks.

Students who have taken or have credit for CMSC 150/MATH 190 may not enroll for this class.

Prerequisites

ECON 101, ECON 102, BUAD 202. ECON 102 and BUAD 202 may be taken concurrently.

ECON 260 Selected Economic Topics

Units: .5-1

Description

Major areas in economics, application of economic principles, and analysis of policy issues.

Prerequisites

ECON 101 and 102.

ECON 269 Independent Study

Units: .5-1

Description

Specialized study or directed research in an area of economics.

Prerequisites

A written outline worthy of academic credit and permission of department chair and the associate dean for undergraduate business programs.

ECON 270 Introductory Econometrics

Units: 1

Description

Techniques for rigorously testing economic theory and preparation for basic empirical work in economics. Topics will include basic data analysis, a review of comparisons of means, regression analysis (including estimation, functional form, dummy variables, inference, assumptions, violations of assumptions, corrections for violations). Students will be provided with the opportunity to use actual economic data to test economic theories.

Prerequisites

ECON 101 and 102; one of BUAD 202, MATH 329 or MATH 330; and one of MATH 190, MATH 211, MATH 212, MATH 232, or MATH 235, all four courses with a C- or better.

ECON 271 Microeconomic Theory

Units: 1

Description

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

C- or better in ECON 101 & 102 & (MATH 190 or MATH 211 or MATH 212 or MATH 232 or MATH 235).

ECON 272 Macroeconomic Theory

Units: 1

Description

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 neoclassical growth model.

Prerequisites

C- or better in ECON 102 & ECON 271.

ECON 300 Industrial Organization and Public Policy

Units: 1

Description

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.

Prerequisites

C- or better in ECON 271.

ECON 310 International Trade: Causes, Consequences, and Controversies

Units: 1

Description

Through both theoretical and empirical approaches, students will study international trade in goods and services and develop a framework for analysis of trade policy issues. Major themes include the causes and patterns of trade, the gains from trade and their distribution, the consequences of trade policies such as tariffs and voluntary export restraints, and the institutions of the world trading system including regional trade agreements. The course also considers many of the current issues related to trade such as dumping, trade-related intellectual property rights, trade and the environment, and the decisions of multinational firms. Economics 270 is recommended but not required before you take this course.

Prerequisites

C- or better in ECON 271.

ECON 315 Advanced International Macroeconomics

Units: 1

Description

An advanced course in international finance and macroeconomics focusing on the factors that determine countries' capital flows and trade balances. The course will introduce several models of intertemporal welfare maximization to help students think about optimal consumption and investment decisions across time as well as the influence of fiscal policy in an open economy setting.

Prerequisites

C- or better in ECON 271 and 272.

ECON 330 Environmental and Resource Economic Theory

Units: 1

Description

A rigorous treatment of environmental and resource issues, with particular emphasis on problem of designing appropriate institutions and regulations. Topics include public goods, emission fees and tradable permits, nonmarket valuation, depletion of nonrenewable natural resources, and management of renewable natural resources. Economics 270 is recommended but not required before taking this course.

Prerequisites

C- or better in ECON 271.

ECON 331 Labor Economics

Units: 1

Description

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

C- or better in ECON 271.

ECON 332 Public Economics

Units: 1

Description

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). Economics 270 is recommended but not required before you take this course.

Prerequisites

C- or better in ECON 271.

ECON 341 Mathematical Economics

Units: 1

Description

Examines various economic concepts by means of mathematical analysis.

Prerequisites

C- or better in ECON 271 & (MATH 212 or 232) & MATH 245.

ECON 360 Selected Economic Topics

Units: .5-1

Description

Major areas in economics, application of economic principles, and analysis of policy issues.

Prerequisites

A core course to be announced.

ECON 368 Global Vision: A Student-Managed ETF

Portfolio

Units: .5

Description

Introduces students to the role of pure economic analysis in the construction of investment portfolios. The asset class and sector allocations of the portfolio flow from on-going assessment of domestic and international economic conditions. The portfolio choices are implemented using Exchange Traded Funds (ETFs). This investment vehicle eliminates the need for the technical training necessary for evaluating individual securities. The portfolio recommended by the class is implemented through the financial support of the university. The formal output of the semester is well suited to student participation at existing undergraduate research conferences and competitions. May be repeated; graded. The course will not count towards the Economics major.

Prerequisites

One 200- or 300-level economics course with a grade of C- or better and permission of instructor.

ECON 369 Independent Study

Units: .5-1

Description

Specialized study or directed research in an area of economics.

Prerequisites

ECON 271 or 272, a written outline worthy of advanced credit and permission of department chair and the associate dean for undergraduate business programs.

ECON 370 Advanced Econometrics

Units: 1

Description

Techniques for rigorously testing economic theory. Reinforces and extends the econometric techniques developed in Economics 270. Topics include a review of the classical linear regression model as well as model extensions including dummy and limited dependent variables, panel data estimation, instrumental variables, simultaneous equation systems, time-series analysis, and forecasting.

Prerequisites

C- or better in ECON 270.

ECON 372 Advanced Macroeconomics

Units: 1

Description

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. Selected Topics course that may be repeated with department permission (which is allowed if the course topics are different).

Prerequisites

C- or better in both ECON 270 & ECON 272

ECON 373 Forecasting and Time Series Analysis

Units: 1

Description

Empirical course in macroeconomic forecasting and time-series analysis. Topics include macroeconomic data, effective graphing techniques, ARIMA modeling, VAR modeling, how to evaluate forecasts, smoothing models, and the impact of forecasting on policymaking.



Prerequisites

ECON 270 and ECON 272 with grades of C- or better.

ECON 480 Senior Capstone Seminar

Units: 1

Description

Utilizes theoretical and applied economic models from previous economics courses. Semester assignments guide students in learning how to use and interpret data and to create forecasts, conducting in-depth empirical research on a current issue of relevance, reviewing economic theory that is useful for understanding how the economy works, evaluating ethical issues confronting economists, and understanding the international interdependence of the world economy.

Prerequisites

C- or better in all three prerequisite courses: ECON 270 & 271 & 272, & senior standing.

ECON 490 Honors Seminar in Economics

Units: 1

Description

Honors seminar.

Prerequisites

Departmental invitation.

ECON 491 Honors Thesis in Economics

Units: 1

Description

Capstone independent research project and honors paper.

Note: Participation in the honors program fulfills the capstone requirement.

Prerequisites

Departmental invitation.

## Entrepreneurship

*Faculty from all departments in the Robins School of Business provide instruction in this area.*

Available to any undergraduate student other than those majoring in business, accounting, or economics, or minoring in business. This minor is specifically designed to provide non-business school students with knowledge and training that will allow them to practice their (non-business) major studies within start-up and small business environments. Entrepreneurship, innovation and design are inherently multi-discipline topics and so complement many other courses of study. Therefore, the program integrates business foundations with entrepreneurship and innovation skills. Thus, our goal is that students who pursue this minor will learn how to integrate their primary areas of study with knowledge from the courses embodied in this program to broaden their thinking, and enhance their creativity and problem solving skills.

### The Entrepreneurship Minor

Fundamental business knowledge (three units):

ACCT 201 Fundamentals of Financial Accounting

ECON 101 Principles of Microeconomics

MKT 320 Principles of Marketing

Entrepreneurship and Innovation (three units):

MGMT 347 Innovation and Entrepreneurship

MGMT 350 New Venture Creation

MGMT 351 Managing Innovation

Note: MKT 320 and MGMT 347 prerequisites BUAD 202 and ECON 102 will be waived for students pursuing the entrepreneurship minor.

## Finance

*John Earl, Chair*

*Professors Arnold, Fiske, Stevens, Szakmary*

*Associate Professors Conover, Earl, Marshall, North*

*Assistant Professor Meng, Wu*

*Instructor Alexander*

### The Finance Concentration

In addition to satisfying the B.S.B.A. degree requirements for a Robins School major, the finance concentration requires a minimum of four courses. Two of the four courses must be chosen from:

FIN 361 Corporate Finance

FIN 366 Investments

FIN 461 Cases and Financial Modeling

FIN 466 Fixed Income and Derivative Securities

FIN 467 Portfolio Management and Analysis

A maximum of seven courses can be taken in any area of concentration. The finance concentration offers optional curriculum tracks. Students may pursue one of the optional tracks listed below by taking all of the finance courses listed under each track.

Note: FIN 368 Directed Independent Study will not count toward the finance concentration unless the student receives prior approval from the Chair of Finance Department. FIN 200 and FIN 468 also do not count toward the concentration.

Optional Finance Concentration Program Tracks (suggested courses and sequences)

(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:

ECON 200 The Economics of Money, Banking and Financial Markets

FIN 369 Alternative Assets

FIN 369 Deal Structure and Valuation

FIN 461 Cases and Financial Modeling

(2) Corporate Finance Track

FIN 361 Corporate Finance

FIN 366 Investments

FIN 461 Cases and Financial Modeling

FIN 462 International Financial Management

Suggested Supporting Courses:

ACCT 301-ACCT 302 Intermediate Financial Accounting 1-2

ECON 200 The Economics of Money, Banking and Financial Markets

FIN 369 Deal Structure and Valuation

Notes:

Students planning to enroll in FIN 468 should complete FIN 366 during their junior year.

Program tracks do not affect the finance concentration requirements of the B.S.B.A. degree.

IBUS students taking FIN 462 and concentrating in finance need only three additional courses in finance.

Finance courses taken abroad do not transfer as fulfilling specific finance courses, but rather as satisfying general finance electives.

**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 370 Advanced 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

Units: 1

Description

Introduces the analytic skills, logical thought processes, and the information literacy necessary for making personal financial decisions. Introduces topics that include: the time value of money, loan assessment, investment vehicles, insurance, taxation, and basic financial and retirement planning. Does not count toward the concentration.

FIN 270 Introduction to Equity Analysis

Units: 1

Description

Practical application of principles of equity valuation learned in FIN 360. Use real time information to create a report and "pitch," for one or more stocks, including an earnings analysis, relative and discounted cash flow valuation, the creation of a written report, and a presentation. Creation of a current equity market outlook as a top-down investing exercise.

Prerequisites

FIN 360.

FIN 360 Principles of Financial Management

Units: 1

Description

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 202 (may be taken concurrently). Business School major or minor.

FIN 361 Corporate Finance

Units: 1

Description

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.

Prerequisites

Finance 360. Business School major.

FIN 366 Investments

Units: 1

Description

Security markets, investment theory, security valuation and selection. Application of investment concepts. International, derivative, and option markets.

Prerequisites

Finance 360. Business School major.

FIN 368 Directed Independent Study

Units: .5-1

Description

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.  
Prerequisites  
Permission of instructor.

#### FIN 369 Selected Topics in Finance

Units: .5-1

##### Description

Topics depend on mutual interests of instructor and students. Intended primarily as elective for finance and business administration students.

##### Prerequisites

Finance 360 and permission of instructor. Business School major.

#### FIN 461 Cases and Financial Modeling

Units: 1

##### Description

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.

##### Prerequisites

FIN 360, FIN 361, Business School major.

#### FIN 462 International Financial Management

Units: 1

##### Description

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.

##### Prerequisites

Finance 360. Business School major.

#### FIN 463 Deal Structure and Valuation

Units: 1

##### Description

Focuses on the valuation of non-publicly traded firms and the structure of deals for purchasing such firms. The student will be introduced to the different types of equity investors and debt investors that participate in this type of investment, generally referred to as "private equity". The course extensively utilizes spreadsheet modeling and lectures from practitioners.

##### Prerequisites

ACCT 201, ECON 101, ECON 102, BUAD202, FIN 360, FIN 361 or FIN 366

#### FIN 465 Technical Analysis

Units: 1

##### Description

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.

##### Prerequisites

Finance 360. Business School major.

#### FIN 466 Fixed Income and Derivative Securities

Units: 1

##### Description

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.

##### Prerequisites

Finance 366. Business School major.

#### FIN 467 Portfolio Management and Analysis

Units: 1

##### Description

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.

##### Prerequisites

Finance 366. Business School major.

#### FIN 468 Student-Managed Investment Fund

Units: 1

##### Description

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.

##### Prerequisites

Finance 467, permission of department. Business School major.

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## International Business

*Thomas J. Cossé, Associate Dean for International Business Programs*

### The International Business Concentration

In addition to satisfying the B.S.B.A. degree requirements, the international business concentration student also 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.

International Business Knowledge, five courses, including:

IBUS 381 International Business Environment

IBUS 411 International Business Strategy\*

\*In lieu of BUAD 497.

One course chosen from:

FIN 462 International Financial Management

or other international focused accounting or finance course approved by the associate dean for international business programs

One course chosen from:

MKT 325 International Marketing

MGMT 333 Cross Cultural Management

IBUS 390 International Business Issues

or other international focused management or marketing course approved by the associate dean for international business programs

One international economics course chosen from:

ECON 210 The Economics of the European Union

ECON 211 Economic Development in Asia, Africa and Latin America

ECON 215 International Monetary Economics

ECON 260 International Policy

ECON 310 International Trade and Finance

ECON 315 Advanced International Macroeconomics

or other international focused economics course approved by the associate dean for international business programs

Note: One course in international business knowledge from accounting, finance, marketing or management can apply to a second concentration.

International Cultural and Social Knowledge, two courses, including:

One approved course with an international focus from the humanities. A list of approved humanities courses is available on the international business website.

One approved course with an international focus from the social sciences. A list of approved social science courses is available on the international business website.

### International Experience Requirements

The international experience requirements consist of cultural experiences and a work experience.

International Cultural Experience: Students concentrating in international business must complete two of three international cultural experiences:

Successfully complete an approved university-level program of study in a foreign country for at least one semester;

Demonstrate proficiency in a second language. This may be done by earning a grade of C or better in a 300 level language course or by earning a satisfactory score on an appropriate language proficiency examination. Students whose first language is not English typically meet the language proficiency requirement and should contact the associate dean for international business programs;  
Live in another country for at least 12 continuous weeks other than study abroad experience.

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 associate dean for international business programs, working abroad may satisfy both the international work experience requirement and one of the two international cultural experience requirements.

### Courses

IBUS 381 International Business Environment

Units: 1

Description

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.

Prerequisites

(ACCT 202 or ACCT 305) and Econ 102, and pre-business, BUAD, ECNB, or ACCT majors.

IBUS 387 Cross Cultural Awareness

Units: .25

Description

Mechanism through which students can gain insights about their level of cultural adaptability in order to enhance their ability to interact with persons from other cultures and to effectively function socially and professional in the global economy. The short-term objective of the course is to enhance the study abroad experience. The longer-term objective is to help them function more effectively domestically and globally in multicultural environments.

Prerequisites

Concurrent enrollment in study abroad.

IBUS 388 Selected Topics in International Business

Units: .5-1

Description

Examination of major area of international business not routinely studied in other courses.

Prerequisites

Permission of instructor.

**IBUS 389 Directed Independent Study**

Units: .5-1

**Description**

Independent research on an international business topic conducted under the direct supervision of a faculty member.

**Prerequisites**

Permission of the instructor.

**IBUS 390 International Business Issues**

Units: 1

**Description**

Examination of a variety of international business issues. Recent topics have been national competitiveness and the global imperative; the truth about outsourcing. Specific topic determined by professor and announced during the registration period.

**Prerequisites**

At least junior standing; other prerequisites may be specified by instructor.

**IBUS 411 International Business Strategy**

Units: 1

**Description**

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. This course may be completed in lieu of BUAD 497 Strategic Management.

**Prerequisites**

International Business 381 and senior standing.

**Management**

*Doug Bosse, Chair*

*Professors Ashworth, Bosse, Eynan, Harrison, Ho, Tallman*

*Associate Professors Coughlan, Thekdi, Thompson, Whitaker*

*Assistant Professors Aronson, Chen, Courtney, Cruz, Mattson, Sutton*

**The Management Concentration**

The Management Department offers concentrations in Management Consulting or Management Entrepreneurship. Additionally, a concentration in Business Analytics is available through the Management Department and may be combined with any Robins School major or concentration.

(1) Management Entrepreneurship

MGMT 347 Innovation and Entrepreneurship

MGMT 350 New Venture Creation

MGMT 351 Managing Innovation

One class, chosen from:

MGMT 331 Personnel/Human Resource Management

MGMT 332 Managing Groups and Teams

MGMT 333 Cross-Cultural Management

MGMT 344 Bargaining and Negotiations in Organizations

MGMT 348 Environmental Management

(2) Management Consulting

Two classes, chosen from:

MGMT 375 Business Analytics\* or INFO 201 Data Analysis Software

MGMT 450 Consulting Process and Practicum

Two classes, chosen from:

MGMT 332 Managing Groups and Teams

MGMT 333 Cross-Cultural Management

MGMT 341 Global Supply Chain Management

MGMT 344 Bargaining and Negotiations in Organizations

MGMT 348 Environmental Management

MGMT 351 Managing Innovation

One class, chosen from:

INFO 301 Advanced Applied Statistics

INFO 302 Business Process Optimization

INFO 303 Machine Learning for the Business Analyst

(3) Business Analytics

All four courses required, however INFO 201 is a prerequisite course for the other INFO course offerings:

INFO 201 Data Analysis Software

INFO 301 Advanced Applied Statistics

INFO 302 Business Process Optimization

INFO 303 Machine Learning for the Business Analyst

\*Note: MGMT 375 will be phased out spring of 2020.

**Courses**

MGMT 320 Business Information Systems

Units: .5

**Description**

An integrated perspective of the information architecture, organization structure, and systems infrastructure of large firms. The study of the applications and processes firms use to gather, store, analyze, and exchange data to both generate knowledge and support business decisions.



Prerequisites

Pre-business or ACCT, BUAD, ECON B.

MGMT 325 IT and Data Analytics

Units: 1

Description

Develops the skills to prepare raw data for analysis of business problems and development of evidence-based recommendations. Work with relational databases to import, structure, cleanse, and transform data. Apply data analysis tools and techniques, data visualization platforms, simulation strategies, and data mining to raw data to develop insights and business recommendations.

Prerequisites

Pre-business, ACCT, BUAD, ECON-B major, or HCST major. ECON 101, Math 211, BUAD 202 (may be taken concurrently).

MGMT 330 Organizational Behavior

Units: 1

Description

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.

Prerequisites

Accounting 201, Business Administration 202, Economics 101-102. Business School major. Business School minor.

MGMT 331 Personnel/Human Resource Management

Units: 1

Description

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.

Prerequisites

Management 330 or permission of instructor. Business School major.

MGMT 332 Managing Groups and Teams

Units: 1

Description

Overview of how to effectively manage groups and teams in organizations. Topics focus on internal and external dynamics of groups and teams. Emphasis is on developing a theoretical grasp of issues and problems as well as an understanding of the practical implications concerning covered topics.

Prerequisites

MGMT 330

MGMT 333 Cross-Cultural Management

Units: 1

Description

Introduction to challenges and opportunities associated with organizational management in the international context. Focuses on key cultural dimensions and differences across countries, and how management principles and concepts (e.g., motivation, leadership, communication, teams) can be applied and adapted to an international, cross-cultural environment.

Prerequisites

Management 330. Business School major.

MGMT 339 Directed Independent Study

Units: .5-1

Description

Independent research on a management topic conducted under the direct supervision of an instructor.

Prerequisites

Permission of instructor.

MGMT 340 Operations Management

Units: 1

Description

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.

Prerequisites

Accounting 201, Business Administration 202, Economics 101-102. Business School major. Business School minor.

MGMT 341 Global Supply Chain Management

Units: 1

Description

Supply chain from a managerial perspective. Topics include supply chain network, inventory and distribution systems, globalization and outsourcing. Analytical tools and models to evaluate and improve supply chains performance will be introduced.

Prerequisites

MGMT 340

MGMT 342 Managing Projects and Processes

Units: 1

Description

The study of systems for the purpose of project management, process management, and consulting. Topics include: systems analysis process, measurement of goals and performance within organizations, decision analysis, project management, and the integration of modern analytics software. Of interest to students preparing to work on the analysis of complex systems, such as business consulting, finance, policy, health care, and others.

Prerequisites

BUAD 202

MGMT 344 Bargaining and Negotiations in Organizations

Units: 1

Description

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.

Prerequisites

Management 330. Business School major.

MGMT 347 Innovation and Entrepreneurship

Units: 1

Description

An overview of new venture formation processes with the objective of providing students with the skills needed to recognize business opportunities and develop them into value-creating initiatives (i.e., starting businesses). Emphasis is on developing plans related to new venture exploration, as well as effectively communicating (i.e., pitching) ideas to stakeholders who can provide necessary resources for firm formation and growth.

Prerequisites

ACCT 201, BUAD 202, ECON 101, ECON 102.

MGMT 348 Environmental Management

Units: 1

Description

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.

Prerequisites

Accounting 201, Business Administration 202, Economics 101-102. Business School major.

MGMT 349 Selected Topics in Management

Units: .5-1

Description

Intended primarily as elective for students in business administration or to provide introductions to branches of management not covered in other courses.

Prerequisites

Permission of instructor.

MGMT 350 New Venture Creation

Units: 1

Description

An experiential course requiring every student to participate as the sole founder or as a member on a small founding team under real-world conditions of risk and limited resources. Students will start the new venture planned in MGMT 347. Evaluation based on the viability of the business they start. Examines critical issues such as new venture strategy in local, domestic, and international contexts by synthesizing knowledge from many disciplines building on students' foundation in a variety of core and elective business topics (e.g., managing innovation and entrepreneurship, international business, accounting, marketing, finance, operations, strategy).

Prerequisites

MGMT 347 or MGMT 351 and MKT 320.

MGMT 351 Managing Innovation

Units: 1

Description

Explores paths to growth through innovation in existing companies (rather than in a startup environment) with a focus on organizational effectiveness. The theory and practice of promoting and managing innovation are considered in the context of case studies and the most recent academic thinking on topics like organizational design, resource allocation, culture development, and "managing clever people." The goal of the course is to prepare students to participate in, lead, and advise innovation teams to increase the likelihood of a desired corporate outcome.

Prerequisites

ACCT 201

MGMT 353 Sustainability and Accountability in Business  
Units: 1

Description

Discussion and analysis of sustainability and accountability challenges in business. Current sustainable business cases are used to highlight those challenges and potential solutions and to examine how organizations can measure their environmental and societal impact and report on their sustainability activities.

Prerequisites

ECON 101

MGMT 355 Health Sector Analysis

Units: 1

Description

Overview and technical analysis of major sectors within the U.S. healthcare industry. Sectors such as pharmaceuticals, inpatient care, biotechnology, and health information technology will be analyzed in the context of Medicare, commercial insurance, and regulatory trends. Includes the development of spreadsheet and database models.

Prerequisites

BUAD major or minor or HCS major or minor, HCS 100, MGMT 320, and (BUAD 202 or MATH 209 or BIOL 320).

MGMT 375 Business Analytics

Units: 1

Description

Data analysis and presentation skills needed to evaluate complex business problems. Includes extensive use of common data analysis and visualization software packages. Analysis of large data sets to identify opportunities to improve business processes and effectively communicate proposals.

Prerequisites

(MGMT 320 or MGMT 325 or CMSC 325) and (BUAD 202 or BIOL 320 or CHEM 300 or MATH 209 or PHYS 308).

MGMT 450 Consulting Process and Practicum

Units: 1

Description

Intended to aid top senior students with the knowledge and experience to achieve successful full-time positions with leading consulting firms. Taught collaboratively and includes accounting, operations and strategy faculty. Consulting-related topics in class with team project to perform an actual consulting project for a local organization.

Prerequisites

MGMT 375, senior standing.

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## Marketing

*Monika Kukar-Kinney, Chair*  
*Professors Cossé, Kukar-Kinney, Lascu*  
*Associate Professors Marquardt, Raggio*  
*Assistant Professors Carlson, Hanson*  
*Instructor William Bergman*  
*Lecturer Joel Mier*

## The Marketing Concentration

In addition to satisfying the B.S.B.A. degree requirements, the marketing concentration requires a minimum of five units, including MKT 326 Marketing Research and Analysis, chosen from among the marketing courses. A maximum of seven units can be taken in any area of concentration. Independent study courses only count toward the concentration with permission of the department chair.

### Courses

#### MKT 320 Principles of Marketing

Units: 1

##### Description

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, Business Administration 202, and Economics 101-102. Business School major or minor.

#### MKT 322 Product Development and Innovation

Units: 1

##### Description

The complete product lifecycle, from idea generation through commercialization. Focuses on the processes used in conceiving, structuring, developing and monetizing different marketing concepts. How to foster creativity, conduct market opportunity assessments, optimize product development and channel strategies, develop and employ marketing plans, forecast new product sales, conduct portfolio assessments, and manage future innovation efforts.

##### Prerequisites

Marketing 320. Business School major.

#### MKT 323 Professional Selling

Units: 1

##### Description

Examine the elements and concepts related to the personal selling process, as it relates to marketing. Learn, practice, and apply selling skills and techniques that are relevant to professional selling situations and/or persuasive business situations. Topics include: aspects of the personal selling process; consultative/strategic selling; techniques used for prospecting and handling objections; closing.

##### Prerequisites

MKT 320 and business school major.

#### MKT 324 Sales Management

Units: 1

##### Description

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.

##### Prerequisites

Marketing 320. Business School major.

#### MKT 325 International Marketing

Units: 1

##### Description

Global market and its influence on domestic as well as international market strategies, 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. markets.

##### Prerequisites

Marketing 320. Business School major.

#### MKT 326 Marketing Research and Analysis

Units: 1

##### Description

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 202. Business School major.

#### MKT 328 Directed Independent Study

Units: .5-1

##### Description

Independent research on a marketing topic conducted under the direct supervision of an instructor.

##### Prerequisites

Permission of instructor and department chair.

#### MKT 329 Selected Topics in Marketing

Units: .5-1

##### Description

Major areas in marketing such as digital and social media marketing, personal selling, retailing, industrial marketing, service marketing, or advanced market research. Specific area varies by semester.

##### Prerequisites

Marketing 320. Business School major.

#### MKT 421 Integrated Marketing Communications

Units: 1

##### Description

Study of the primary ways that companies communicate with consumers. Both above the line (television, radio, and magazine) and below the line (social media, websites, public relations, promotions, and others) techniques are used to demonstrate how useful very different communication devices can be to a company and how important it is that all communication is coordinated and tells the same story over time.

##### Prerequisites

Marketing 320. Business School major.

#### MKT 422 Strategic Brand Management

Units: 1

##### Description

Theoretical and applied understanding of brand development and brand management. Focus on the strategic processes used to generate and capture brand equity. Develops understanding of how to build, measure and manage various brand offerings, and through the use of an aggressive experiential curriculum, encourages the application of the theories and strategies learned in class in real world business situations.

##### Prerequisites

Marketing 320. Business School major.

#### MKT 423 Marketing Analytics

Units: 1

##### Description

Hands-on analytical and communication skills to address tactical and strategic marketing questions in today's technological and data-intensive world. Analysis, management, and interpretation of scanner, direct marketing, geo-demographic, and other types of marketing data are emphasized through extensive use of software, such as SPSS, Excel, and Simply Analytics.

##### Prerequisites

Marketing 320 and Business Administration 202. Business School major.

#### MKT 424 Consumer Behavior

Units: 1

##### Description

Student introduction to major concepts, theories, and techniques that make up the area of consumer behavior. By drawing from psychology, sociology, and cultural anthropology, the course is made relevant to marketing and business through examples of how companies use these areas. Consumer Behavior is both an art and a science. Focuses on ability to think creatively, analytically, and critically.

##### Prerequisites

Marketing 320. Business School major.

#### MKT 425 Sports Marketing

Units: 1

##### Description

Overview of the essentials of effective sports marketing, addressing two broad perspectives of sports marketing: the marketing of sports, and the marketing through sports. Covers the sports consumer, sports and sports-related

product offerings, brand management, sponsorship, licensing, strategy development, research resources and techniques, and career opportunities.

##### Prerequisites

Marketing 320. Business School major.

#### MKT 426 Digital Marketing

Units: 1

##### Description

Examine the role digital marketing plays in strategy development for brands. Analyze and study the importance of digital media and the use of social media platforms in modern marketing and advertising plans. Design, develop, and execute a digital marketing program as a class project.

##### Prerequisites

MKT 320 and business school major.

#### MKT 428 Strategic Marketing Management

Units: 1

##### Description

Capstone marketing strategy course for seniors concentrating in marketing. Designed to integrate learning from prior courses through hands-on application. Emphasizes the importance of analysis, planning and implementation in successful execution of marketing strategies. Course content is interactive and experiential, and includes discussion, case analyses, real-world exercises and a semester-long strategic marketing project. Formal written reports and presentations will be developed and delivered.

##### Prerequisites

MKT 320, Business School major, senior standing.

## Jepson School of Leadership Studies

The Jepson School of Leadership Studies offers a Bachelor of Arts degree with a major in leadership studies, as well as a minor in leadership studies. To earn this degree a candidate must satisfactorily complete the curricular requirements outlined in the following section 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 of the classroom.

### **Admission Procedures**

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Students wishing to major or minor in leadership studies must apply for admission to the Jepson School during the fall semester of their second year.

A faculty committee reviews applications and chooses students based on essays and academic performance as well as faculty recommendations and extracurricular activities.

Prospective majors and minors must have completed or be enrolled in LDST 101 Leadership and the Humanities or LDST 102 Leadership and the Social Sciences to be considered for admission to the program. Both courses are required for the major and minor, but either course may be taken as a first course in leadership studies. After taking LDST 101 or LDST 102 and prior to admission, students may also take LDST 210 Justice and Civil Society. Electives are open to all students at the University.

Students seeking admission to the School need to attend information sessions, which are held in the fall. Application materials will be made accessible by the Associate Dean for Student and External Affairs once a student has attended an information session. The application deadline is the end of

September. The new class is notified of acceptance in mid-October and the new class is welcomed into the Jepson community at the Prelude ceremony in November.

For further information, please contact:

Kerstin Soderlund, Associate Dean for Student and External Affairs, Jepson School of Leadership Studies  
28 Westhampton Way, University of Richmond, VA 23173  
Telephone: (804) 287-6082

## Leadership Studies

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### Jepson School of Leadership Studies

*Professors Forsyth, Goethals, Hoyt, Kaufman, Peart, Price*  
*Associate Professors Bezjo, Flanigan, Hayter, Hidalgo, von Rueden, Williamson*  
*Assistant Professors Archer, Coetsee, Harwell*

### The Leadership Studies Major

Note: The grade point average of the coursework comprising the major must be no less than 2.0, with no course grade below a C- (1.7).

Students wishing to major or minor in leadership studies must apply for admission to the Jepson School of Leadership Studies during the fall semester of their second year.

A minimum of 11 units, including:

LDST 101 Leadership and the Humanities

LDST 102 Leadership and the Social Sciences

LDST 210 Justice and Civil Society

LDST 250 Critical Thinking and Methods of Inquiry

LDST 300 Theories and Models of Leadership

LDST 450 Leadership Ethics

LDST 488 Internship (taken as two .5 unit courses—one in the spring of junior year and one in the fall of senior year)

Four additional units of advanced courses numbered above 300, not including LDST 450 and LDST 488

Ethical Area Courses

LDST 307 Leadership in International Contexts

LDST 355 Competition, Cooperation, and Choice

LDST 357 The Ethics of Influence

LDST 361 Sex, Power, and Politics

LDST 368 Leadership on Stage and Screen

LDST 371 Moral Limits of the Criminal Law

LDST 374 Contemporary Debates in Democratic Theory

LDST 377 Ethical Decision Making - Health Care

Historical Area Courses

LDST 303 Leadership in Political Contexts

LDST 304 Social Movements

LDST 317 Reimagining Richmond: History, Power and Politics in the Capital of the Confederacy

LDST 340 Early Modern Crises in Leadership

LDST 345 Civil War Leadership

LDST 352 Presidential Leadership

LDST 378 Statesmanship

LDST 387 Leadership and Religious Values

Social/Organizational Area Courses

LDST 302 Leadership in Organizations

LDST 306 Sex, Leadership, and the Evolution of Human Societies

LDST 351 Group Dynamics

LDST 354 Conflict Resolution

LDST 356 Leading Change

LDST 359 Gender and Leadership

LDST 383 Leadership and the Future of Higher Education

LDST 384 Education and Equity

LDST 386 Leadership in a Diverse Society

Advanced coursework may include one unit of collaborative study, one unit of independent study, one unit of honors thesis work, or one unit of senior thesis work.

### The Leadership Studies Minor

Note: The grade point average of the coursework comprising the minor must be no less than 2.0, with no course grade below a C- (1.7).

A minimum of eight units, including:

LDST 101 Leadership and the Humanities

LDST 102 Leadership and the Social Sciences

LDST 210 Justice and Civil Society

LDST 250 Critical Thinking and Methods of Inquiry

LDST 300 Theories and Models of Leadership



LDST 450 Leadership Ethics

Two additional units of advanced courses numbered above 300, not including internship, collaborative study, independent study, or thesis work.

Ethical Area Courses

LDST 307 Leadership in International Contexts

LDST 355 Competition, Cooperation, and Choice

LDST 361 Sex, Power, and Politics

LDST 368 Leadership on Stage and Screen

LDST 371 Moral Limits of the Criminal Law

LDST 374 Contemporary Debates in Democratic Theory

LDST 377 Ethical Decision Making - Health Care

Historical Area Courses

LDST 303 Leadership in Political Contexts

LDST 304 Social Movements

LDST 308 The Creation of the American Republic

LDST 340 Early Modern Crises in Leadership

LDST 345 Civil War Leadership

LDST 352 Presidential Leadership

LDST 378 Statesmanship

LDST 379 Reason, Rhetoric and Leadership

LDST 387 Leadership and Religious Values

Social/Organizational Area Courses

LDST 302 Leadership in Organizations

LDST 306 Sex, Leadership, and the Evolution of Human Societies

LDST 320 Good and Evil

LDST 325 Leading Socially Active Businesses

LDST 351 Group Dynamics

LDST 354 Conflict Resolution

LDST 356 Leading Change

LDST 359 Gender and Leadership

LDST 386 Leadership in a Diverse Society

**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, and hold at least a 3.30 cumulative GPA and at least a 3.30 leadership studies GPA. 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 LDST 399 Junior Honors Tutorial, for spring semester of junior year.

Submit a five-page proposal and preliminary bibliography to be accepted by the course instructor and a Jepson faculty thesis advisor.

Enroll in LDST 497 and LDST 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.

Students in the honors track must complete all aspects of the standard Jepson curriculum. LDST 497 and LDST 498 can count for a maximum of one unit of advanced course credit.

**Study Abroad**

Leadership studies students are encouraged to study abroad. Majors may count a maximum of one unit of study abroad credit toward the advanced course requirement. This course must enhance the student's academic plan in leadership studies. Determination of whether a course enhances a student's academic plan in leadership studies will be made by the Associate Dean for Academic Affairs. Minors may not count study abroad credit toward the minor.

**Courses**

FYS 100 First Year Seminar

Units: 1

Fulfills General Education Requirement First Year Seminar Description

Allows students to choose from a list of special topics courses while they pursue a shared set of educational goals.

All seminars are designed to expand the students' understanding of the world, enhance their ability to read and think critically, enhance their ability to communicate effectively in writing, speech, and other appropriate forms,

develop fundamentals of information literacy and library research, and provide the opportunity for students to work closely with a faculty mentor. Topics descriptions for each term can be found on the FYS website. Students must take two different FYS 100 courses to meet the First Year Seminar degree requirement.

Prerequisites

First-year standing.

LDST 101 Leadership and the Humanities

Units: 1

Description

Introduction to leadership as an object of study through examination of its historical foundations and intellectual development. Readings selected from history, literature, philosophy, political theory, religion, and social theory. Emphasis on assessing these texts in light of reasoned argument and on drawing out their implications for leadership studies. This course may be taken before or after LDST 102.

LDST 102 Leadership and the Social Sciences

Units: 1

Fulfills General Education Requirement FSSA

Description

Introduction to the study of leadership through theoretical and empirical explorations of social interaction. Readings selected from anthropology, economics, political science, psychology, and sociology. Emphasis on advancing the understanding of leadership through an increased appreciation of the rich complexities of human behavior. This course may be taken before or after LDST 101.

LDST 210 Justice and Civil Society

Units: 1

Description

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.

Prerequisites

Leadership Studies 101 or 102 or permission of instructor.

LDST 250 Critical Thinking and Methods of Inquiry

Units: 1

Description

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 or 102, and admission to the Jepson School of Leadership Studies as a major or minor.

LDST 290 Selected Topics

Units: .5-1

Description

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 studies courses in the Sophomore Scholars in Residence program. May be taken more than once for credit if topics vary.

Prerequisites

Varies depending on topic.

LDST 300 Theories and Models of Leadership

Units: 1

Description

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 and 102, and admission to the Jepson School of Leadership Studies as a major or minor.

LDST 302 Leadership in Organizations

Units: 1

Description

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 of how leadership differs in each system. Primary focus social/organizational.

LDST 303 Leadership in Political Contexts

Units: 1

Description

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. Primary focus historical.

LDST 304 Social Movements

Units: 1

Description

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. Primary focus historical.

LDST 306 Sex, Leadership, and the Evolution of Human Societies

Units: 1

Description

Study of how biological and cultural adaptation shape leadership and, more broadly, political organization. Through cases studies drawn from primatology, cultural anthropology, and political history, students will learn about what makes human leadership unique and investigate why leadership and political organization vary across human and non-human societies. Some of the questions we consider include: Why do humans adopt leader and follower roles at all? What is the political organization of other social animals, particularly the great apes? Are there any human societies that lack leadership? Are there societies in which, on average, women wield more power than men? Why are some human societies more hierarchical than others? The goal of the course is not only to expose students to the diversity of political organization in humans and other animals but also to stimulate them to think critically about the ultimate causes of human social behavior in general.

LDST 307 Leadership in International Contexts

Units: 1

Description

Examines the ethics of international leadership. Students will consider ethical issues relating to international affairs that leaders and followers confront in politics, the military, business, and the nonprofit sectors. Topics include war, global poverty, migration, and international institutions. Primary focus ethical.

LDST 310 Folk Music and Protest Thought

Units: 1

Description

An exploration of leadership in the arts that will examine the subject from three perspectives. First, it will consider figures in traditional, old-time, and folk music whose contributions have been transformative. Second, consideration will be given to folk music as a variety of American political and social thought, as an expression of ideas about human nature and the politics of the day. Finally, there will be an evaluation of the persuasive power of song as a rhetorical means of spreading, and perhaps inculcating political and social ideas in the minds of the people. Primary focus historical.

LDST 317 Reimagining Richmond: History, Power, and Politics in the Capital of the Confederacy

Units: 1

Description

The role of historical context and leadership in shaping urban development, particularly the development of Richmond, Virginia. Study of Richmond's history from the colonial era, through Reconstruction, and into the twentieth century, including how historical actors used politics and leadership to transform local power relationships. Analysis of the eras of slavery and Jim Crow, reimagining of twentieth century urban history and the American civil rights movement.

LDST 340 Early Modern Crises in Leadership

Units: 1

Description

Discussion of primary texts that disclose difficulties in formulating political and religious policy during the crises that start with the later Middle Ages in Western Europe and run into the seventeenth century. Students will be expected to evaluate as well currently influential interpretations of the crises and proposed resolutions. Specific subjects will be selected from a menu that includes medieval papal imperialism and decline, the development of early modern secular bureaucracies, Renaissance political theory, religious reformations, and religious wars as well as Machiavelli, More, Luther, Calvin, Whitgift, Lord Burghley, Queen Elizabeth I, Emperor Charles V, and King Henry IV (France). Primary focus historical.

LDST 345 Civil War Leadership

Units: 1

Description

A study of the events leading to the Civil War, and the military and political leadership on both Union and Confederate sides during the war. Topics include the roles of slavery and political leadership in starting the war, the leadership of Abraham Lincoln and Jefferson Davis during the war, and that of Generals Ulysses S. Grant, Robert E. Lee, James Longstreet, George B. McClellan, and William T.

Sherman in shaping the outcome of the war. Primary focus historical.

LDST 351 Group Dynamics

Units: 1

Description

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. Primary focus social/organizational.

LDST 352 Presidential Leadership

Units: 1

Description

A study of theories of presidential leadership and assessments of several presidencies, including those of George Washington, Andrew Jackson, Abraham Lincoln, Franklin Roosevelt, John F. Kennedy, Richard Nixon, Ronald Reagan, and Bill Clinton. Addresses the personal qualities and capacities as well as the situational and historical contingencies that influence the effectiveness of various presidencies. Also considers the nature of social perception and its role in appraisals of presidential performance. Special attention will be given to presidential campaigning and presidential debates. Each student will undertake the study of one or more presidents. Primary focus historical. (Same as Psychology 449.)

LDST 354 Conflict Resolution

Units: 1

Description

Understanding principles and dynamics of mediating disputes and achieving agreements between groups and individuals. 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. Primary focus social/organizational.

LDST 355 Competition, Cooperation, and Choice

Units: 1

Description

Economic approach to leadership examines how individuals come together in social settings (a market place, an organization, a political entity) to make distributive decisions. Particular focus on Adam Smith's analysis of the development of modern industrial society and on important policy debates about slavery, the franchise and eugenics. Consideration of Smithian insights applied to contemporary game theoretic and experimental research on the emergence of cooperative behavior in settings where individual interests sometimes conflict with the interest of the group (or society). Special attention to public goods games and institutional frameworks that facilitate cooperation in a repeated prisoner's dilemma setting: competition, repetition, punishment, and reciprocity. Primary focus ethical.

Prerequisites

ECON 101

LDST 357 The Ethics of Influence

Units: 1

Description

Investigates the moral limits of the influence tactics that leaders employ. Uses traditional moral theory and contemporary philosophical literature to distinguish justified

influence from coercion, deception, and manipulation. Topics include public policy efforts to influence behavior.

LDST 361 Sex, Power, and Politics

Units: 1

Description

Explores the processes by which "sexuality" is constituted and informs the leadership process. Readings on the social construction of gender, theories of power, and conceptions of freedom will be coupled with analyses of policy debates on issues such as reproductive freedom, pornography, and gay rights. Primary focus ethical.

LDST 368 Leadership on Stage and Screen

Units: 1

Description

Discussion of primary dramatic texts and films that examine leadership in a variety of settings and frameworks. Uses critical readings to contextualize the works as commentary on the issues and crises of leadership present at the time of their creation and examines the way in which they continue to address ethical and logistical leadership concerns in later periods and alternative contexts. In addition, discussions will focus on the use of film and theater as vehicles for questions of sociopolitical change and ethical inquiry. Course expectations include a theatrical production project working in the greater Richmond community designed to use the theatrical experience to enact social justice and examine leadership at work. Primary focus ethical.

LDST 375 Economic Policy and Leadership

Units: 1

Description

Explores two questions using debates amongst economists as our policy laboratory. First, what is the scope for policy makers to lead the economy through crises and the inevitable ups and downs that accompany economic expansion? How much agency should policy makers assume and when are unusual mechanisms called for? Second, what leadership role do economists legitimately play in the development and implementation of new economic policy? As we read and discuss the policy proposals of the past, we explore the answers to these and other questions in today's economic contexts. Primary focus ethical.

LDST 377 Ethical Decision Making - Health Care

Units: 1

Description

Systematic examination of the central ethical decisions faced by leaders in medicine and healthcare. Topics include deception, decision making for incompetent patients, consent, abortion, euthanasia, disability, resource allocation, organ donation, and experimentation with human and non human animals. Readings by historical thinkers such as Jeremy Bentham, Immanuel Kant, and John Stuart Mill. Contemporary readings from bioethicists such as John Finnis, Judith Jarvis Thompson, Derek Parfit, Jonathan Glover, James Rachels, Peter Singer, and Ronald Dworkin. Primary focus ethical.

LDST 378 Statesmanship

Units: 1

Description

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. Primary focus historical. (Same as Political Science 310.)

LDST 383 Leadership and the Future of Higher Education

Units: 1

Description

Examines issues of leadership in higher education. Focus on how presidents work with constituents to achieve legitimacy, guide plans, and make decisions. Explore both traditional and emerging models in higher education. Primary focus social/organizational.

LDST 384 Education and Equity

Units: 1

Description

Explores inequity in K-12 education due to racial and income segregation. Examines possible solutions to alleviate these inequities and overcome the opportunity gaps

LDST 386 Leadership in a Diverse Society

Units: 1

Description

Study of how diversity affects social relations with an emphasis on leadership. Examines diversity, primarily through the lens of social psychology, by examining individual and collective dynamics in pluralistic settings. The primary focus is to familiarize students with basic research on intergroup relations, prejudice, stereotyping, and discrimination, so that they may: (1) evaluate and analyze the scientific merit of this research, and (2) apply this research to real world situations--e.g., reflect on the effect of social identity on achievement, performance, mental health, physical health, etc. Focuses on the causes, correlates and consequences of stereotyping, prejudice, and discrimination. Also addresses approaches to ameliorating these problems. Primary focus social/organizational.

LDST 387 Leadership and Religious Values

Units: 1

Description

Study of how political, cultural, and religious leaders draw on and influence their respective religious traditions. Primary focus: historical.

LDST 389 Research Methods

Units: 1

Description

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. Prerequisites Leadership Studies 101 or 102 and admission to the Jepson School of Leadership Studies as a major or minor.

LDST 390 Selected Topics

Units: .5-1

Description

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.

Prerequisites

Varies depending on topic.

LDST 399 Junior Honors Tutorial

Units: .5

Description

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.

Prerequisites

Acceptance to honors track.

LDST 406 Summer Undergraduate Research

Units: 0

Description

Documentation of the work of students who receive summer grants to conduct research in the summer. The work must take place over a minimum of 10 weeks, and the student must be the recipient of a Jepson School summer research grant.

Graded S/U.

Prerequisites

Approval for summer research grant by Jepson School Student Affairs Committee

LDST 450 Leadership Ethics

Units: 1

Description

Application of moral theory to the values and assumptions of leadership, focusing especially on the ethical challenges of leaders past and present, group behavior, and leadership theory. Topics include self-interest, power, charisma, duty, obedience, and the greater good.

Prerequisites

Leadership Studies 300. Restricted to senior majors and minors or by permission of instructor.

LDST 488 Internship

Units: .5-1

Description

Applied experience in field of leadership studies and accompanying seminar. Observations of leaders in government, corporate, or nonprofit settings. Students are expected to apply what they have learned in required courses such as Theories and Models. Majors only.

LDST 490 Independent Study

Units: .5-2

Description

Independent study allows students to pursue research on their own topic of interest under the supervision of a faculty member. 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 independent research experience will culminate in a final written product.

Prerequisites

Department approval.

LDST 491 Collaborative Study

Units: .5-2

Description

Collaborative study 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 study 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 study will be grounded in rigorous methods appropriate to the discipline in which the student is working and will culminate in a final written project.

Prerequisites

Department approval.

LDST 492 Directed Study

Units: 1

Description

Group reading and discussion in a specified area of leadership studies under faculty supervision.

Prerequisites

Department approval.

LDST 495 Senior Thesis I

Units: 1

Description

Year-long engagement in independent research project under supervision of faculty advisor.

Prerequisites

Department approval.

LDST 496 Senior Thesis II

Units: 1

Description

Year-long engagement in independent research project under supervision of faculty advisor.

Prerequisites

Department approval.

LDST 497 Senior Honors Thesis I

Units: 1

Description

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.

LDST 498 Senior Honors Thesis II

Units: 1

Description

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.



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Crystal L. Hoyt, Associate Dean for Academic Affairs, Jepson School of Leadership Studies  
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Dan Palazzolo, Associate Dean, School of Arts and Sciences  
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Thomas J. Shields, Ph.D., Associate Dean for Academic & Student Affairs, School of Professional & Continuing Studies  
Kerstin M. Soderlund, Associate Dean for Student & External Affairs, Jepson School of Leadership Studies  
Joyce van der Laan Smith, Associate Dean, Undergraduate Business Programs, The E. Claiborne Robins School of Business

#### **Faculty of the School of Arts and Sciences**

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The year given designates the year of appointment. The year with ( ) is the year of first appointment.

Abrash, Samuel A., Associate Professor of Chemistry and Environmental Studies;  
1990 B.A. (University of Chicago), Ph.D. (University of California at Berkeley)

Abreu, Dixon, Director of Portuguese;  
(2001) 2009 B.A. (Fordham University), M.A. (The City College of New York City), Ph.D. (Tulane University)

Achter, Paul J., Associate Professor of Rhetoric;  
2004 B.A. (Concordia College), M.A. (North Dakota State University), Ph.D. (University of Georgia)

Allison, Scott T., Professor of Psychology;  
1987 B.A. (University of California at San Diego), Ph.D. (University of California at Santa Barbara)

Amaral-Rodriguez, Jannette, Assistant Professor of Spanish  
2015 M.A., M.Phil., Ph.D. (Columbia University), B.A. (University of Puerto Rico)

Anderson, Gene H., Professor of Music and Director of Band;  
1982 B.A. (Luther College), M.A., Ph.D. (University of Iowa)

Arnold, Taylor, Assistant Professor of Statistics;  
2016 A.B. (Bowdoin College), M.A., Ph.D. (Yale University)

Ashe, Bertram D., Associate Professor of English and American Studies;  
2004 B.A. (San Jose State University), M.A. (Virginia Commonwealth University), Ph.D. (College of William and Mary)

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2002 B.A. (University of Michigan), M.A., Ph.D. (Indiana University)

Barnett, B. Lewis, III, Associate Professor of Computer Science;  
1990 B.S. (Furman University), M.S.C.S., Ph.D. (University of Texas)

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2011 B.S. (Emerson College), M.A., Ph.D. (University of Maryland)

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2007 B.A. (University of Virginia), M.A., Ph.D. (University of California, Berkeley)

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2004 B.Sc. (University College, Cork, Ireland), M.A., Ph.D. (State University of New York at Stony Brook)

Becker, Richard, Associate Professor of Music;  
1975 B.M. (University of Rochester), M.M. (Boston University)

Bell, J. Ellis, Professor of Chemistry;  
2001 B.A., M.A., D.Phil. (Oxford University)

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1992 B.A. (College of Wooster), M.A., Ph.D. (State University of New York at Binghamton)

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2004 B.S. (Lafayette College), M.S. (Old Dominion University), Ph.D. (University of North Carolina at Chapel Hill)

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Brown, Mavis H., Associate Professor of Education;  
1978 B.S., M.S. (Radford College), Ph.D. (Texas Woman's University)

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Cable, Jennifer A., Professor of Music;  
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Caudill, Lester F., Jr., Associate Professor of Mathematics;  
1995 B.S., M.S., Ph.D. (Texas A&M University)

Chan, Ka Yee (Jessica), Assistant Professor of Chinese Studies;  
2013 B.A. (Colby College), M.A., Ph.D. (University of Minnesota, Twin Cities)

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2001 A.B. (Harvard University), M.A., Ph.D. (Johns Hopkins University)

Cherry, Kevin M., Assistant Professor of Political Science;  
2010 B.A., M.A. (The Catholic University of America), M.A., Ph.D. (University of Notre Dame)

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2011 B.A. (Baylor University), M.A.R. (Yale Divinity School), Ph.D. (University of North Carolina, Chapel Hill)

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Damer, Erika Z., Assistant Professor of Classics;  
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- Datta, Monti N., Assistant Professor of Political Science;  
2009 B.A. (University of California, Berkeley), M.P.P. (Georgetown University), Ph.D. (University of California, Davis)
- Dattelbaum, Jonathan D., Associate Professor of Chemistry;  
2004 B.S. (James Madison University), Ph.D. (University of Maryland)
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2011 A.A.S. (Blue Ridge Community College), B.A. (Mary Baldwin College)
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1988 B.S. (Lafayette College), M.S., Ph.D. (University of Virginia)
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1986 B.M.E. (Eastman School of Music), M.S.T. (University of Wisconsin at Whitewater), D.M.A. (University of Wisconsin at Madison)
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1992 Licenciado en Ciencias Biológicas (Universidad Mayor de la Republica Oriental del Uruguay), M.A. (University of Kansas), Ph.D. (University of Texas at Austin)
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1986 A.A. (Pensacola Junior College), B.S. (University of West Florida), Ph.D. (Massachusetts Institute of Technology)
- Donald, Kelling J., Associate Professor of Chemistry;  
2007 B.Sc., Ph.D. (University of the West Indies, Mona)
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2005 B.S. (University of North Carolina), A.M., Ph.D. (Harvard University)
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2000 B.A. (Wellesley College), Ph.D. (Brown University)
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2005 B.F.A. (University of Western Ontario), M.F.A. (Syracuse University)
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1994 B.A. (University of Mississippi), M.A. (Boston College), Ph.D. (University of Virginia)
- Duvall, Matthew L., Ensemble in Residence and Visiting Lecturer of Music;  
2004 B.A., B.M. (Oberlin College), A.D. (University of Cincinnati)
- Eakin, Frank E., Jr., Professor of Religion, Marcus M. & Carole M. Weinstein, and Gilbert M. & Fannie S. Rosenthal Jewish and Christian Studies Chair;  
1966 B.A. (University of Richmond), B.D. (Southern Baptist Theological Seminary), Ph.D. (Duke University)
- Erkulwater, Jennifer L., Associate Professor of Political Science;  
2001 B.A. (Rhodes College), Ph.D. (Boston College)
- Essid, Joseph, Director of the Writing Center;  
1992 B.A. (University of Virginia), M.A., Ph.D. (Indiana University)
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Tarver, Jerry L., Professor of Speech Communication;  
1963 B.A., M.A., Ph.D. (Louisiana State University)

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1964 B.A., M.A. (University of Richmond), Ph.D. (University of Maryland)

Terry, Robert M., Professor of French, Emeritus;  
1968 B.A. (Randolph-Macon College), Ph.D. (Duke University)

Thomas, David Allen, Associate Professor of Communication Studies, Emeritus;  
1986 B.A., M.A. (Hardin-Simmons University), Ph.D. (Michigan State University)

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1980 B.A., M.A., Ed.D. (West Virginia University)

Tremaine, Louis E., Professor of English and International Studies, Emeritus;  
1981 A.B. (Occidental College), M.A., Ph.D. (Indiana University)

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1966 B.A. (Bethany College), M.A. (University of Illinois), Ph.D. (Texas Christian University)

Underhill, Frances A., Professor of History, Emerita;  
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West, Ellis M., Professor of Political Science; Emeritus;  
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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)

Wharton, Carol S., Associate Professor of Sociology and Women, Gender and Sexuality Studies;  
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Whelan, John T., Professor of Political Science; Emeritus;  
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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)

Withers, Nathaniel R., Associate Professor of Mathematics and Computer Science, Emeritus;  
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#### Faculty of the Robins School of Business

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2016 BA (Tulane University), MBA (New York University)

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1981 B.B.A. (University of Kentucky), M.Com. (University of Richmond), M.B.A., Ph.D. (University of South Carolina)

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2010 B.S., (The Ohio State University), M.S., (Syracuse University), D.B.A., (The George Washington University)

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Robbins, W. David, Professor of Business Policy,  
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Rose, John S., Professor of Management Systems,  
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1969 B.S. (Virginia Commonwealth University), M.S.  
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#### **Executive Education**

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Geiger, Marshall A., Professor of Accounting;  
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1988 B.A. (Ohio State University), M.A. (George  
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Raggio, Randle David, Assistant Professor of  
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2010 B.S.B.A. (University of Southern Mississippi),  
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Thompson, Steven Michael, Associate Professor of  
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2005 B.S., M.B.A., Ph.D. (University of Connecticut)  
Whitaker, David A., Professor of Economics,  
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1969 B.S. (Virginia Commonwealth University), M.S.  
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Wight, Jonathan B., Professor of Economics and  
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1982 B.A. (Duke University), M.A., Ph.D. (Vanderbilt  
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#### **Faculty of the Jepson School of Leadership Studies**

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2011 B.A. (University of Wisconsin-Madison), M.A. (Boston University), Ph.D. (Boston University)

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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)

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