



---

UNIVERSITY OF RICHMOND  
**UNDERGRADUATE**  
CATALOG

ACADEMIC SCHOOLS

School of Arts and Sciences

Robins School of Business

Jepson School of Leadership Studies

COORDINATE COLLEGES

Richmond College

Westhampton College

FOR INFORMATION:

University of Richmond, Virginia 23173

(804) 289-8000

[www.richmond.edu](http://www.richmond.edu)

CONTENTS

Academic Calendars ..... 3  
 University of Richmond ..... 6  
 Admission ..... 11  
 Financial Affairs ..... 15  
 Student Life ..... 19  
 Academic Opportunities and Support ..... 28  
 International Education .29  
 Academic Procedures ....33  
 General Education Curriculum .....44  
 Academic Programs: School of Arts and Sciences ..... 50  
 Curriculum Requirements ..... 50  
 Curricula .....57  
 Academic Programs: The E. Claiborne Robins School of Business ..... 154  
 Curriculum Requirements ..... 154  
 Curricula ..... 160  
 Academic Programs: Jepson School of Leadership Studies ..... 167  
 Curriculum Requirements ..... 167  
 Curricula ..... 169  
 Directory ..... 171  
 Board of Trustees ..... 171  
 Administration ..... 172  
 Faculty of the School of Arts and Sciences .... 172  
 Faculty of the School of Business ..... 181  
 Faculty of the School of Leadership ... 183  
 Campus Map ..... 188



2002-03\*

ACADEMIC CALENDARS

FALL SEMESTER 2002

Aug. 21, Wed. ....	School of Arts and Sciences: New students arrive; begin orientation
Aug. 23, Fri. ....	Registration/problem resolution for entering students
Aug. 24, Sat. ....	Arts and Sciences, Business, Leadership Studies: All students arrive
Aug. 26, Mon. ....	Classes begin
Sept. 2, Mon. ....	Labor Day (classes meet)
Sept. 6, Fri. ....	Last day to file for May/August graduation
Oct. 11, Fri. ....	Last day of classes prior to Fall break (Residence halls remain open)
Oct. 16, Wed. ....	Classes resume
Nov. 26, Tues. ....	Thanksgiving break begins after classes
Nov. 27, Wed. ....	Residence halls close, 12:00 noon
Dec. 1, Sun. ....	Residence halls open, 10 a.m.
Dec. 2, Mon. ....	Classes resume
Dec. 9-14, Mon.-Sat. ....	Fall term examination period
Dec. 14, Sat. ....	Fall term ends
Dec. 15, Sun. ....	Residence halls close, 12:00 noon

SPRING SEMESTER 2003

Jan. 2, Thur. ....	Registration of new and readmitted students
Jan. 5, Sun. ....	Residence halls open, 10 a.m.
Jan. 6, Mon. ....	Classes begin
Feb. 7, Fri. ....	Last day to file for May/August graduation, if not filed earlier
Feb. 28, Fri. ....	Spring break begins after classes
Mar. 1, Sat. ....	Residence halls close, 12:00 noon
Mar. 9, Sun. ....	Residence halls open, 10 a.m.
Mar. 10, Mon. ....	Classes resume
Apr. 21-26, Mon.-Sat. ....	Spring term examination period
Apr. 26, Sat. ....	Spring term ends
May 4, Sun. ....	Baccalaureate Service and Spring Commencement

2003-04\*

FALL SEMESTER 2003

Aug. 20, Wed. ....	School of Arts and Sciences: New students arrive; begin orientation
Aug. 22, Fri. ....	Registration/problem resolution for entering students
Aug. 23, Sat. ....	Arts and Sciences, Business, Leadership Studies: All students arrive
Aug. 25, Mon. ....	Classes begin
Sept. 1, Mon. ....	Labor Day (classes meet)
Sept. 5, Fri. ....	Last day to file for May/August graduation
Oct. 10, Fri. ....	Last day of classes prior to Fall break (Residence halls remain open)

\*Each term the Registrar publishes a detailed academic calendar to inform the University community of time schedules and deadlines. Dates shown here are subject to change.

Oct. 15, Wed. .... Classes resume  
 Nov. 25, Tues. .... Thanksgiving break begins after classes  
 Nov. 26, Wed. .... Residence halls close, noon  
 Nov. 30, Sun. .... Residence halls open, 10 a.m.  
 Dec. 1, Mon. .... Classes resume  
 Dec. 8-16, Mon.-Tues. .... Fall term examination period  
 Dec. 16, Tues. .... Fall term ends  
 Dec. 17, Wed. .... Residence halls close, 12:00 noon

**SPRING SEMESTER 2004**

Jan. 2, Fri. .... Registration of new and readmitted students  
 Jan. 11, Sun. .... Residence halls open, 10 a.m.  
 Jan. 12, Mon. .... Classes begin  
 Feb. 6, Fri. .... Last day to file for May/August graduation, if not filed earlier  
 Mar. 5, Fri. .... Spring break begins after classes  
 Mar. 6, Sat. .... Residence halls close, noon  
 Mar. 14, Sun. .... Residence halls open, 10 a.m.  
 Mar. 15, Mon. .... Classes resume  
 Apr. 26-May 4, Mon.-Tues. .... Spring term examination period  
 May 4, Tues. .... Spring term ends  
 May 9, Sun. .... Baccalaureate Service and Spring Commencement

\*Each term the Registrar publishes a detailed academic calendar to inform the University community of time schedules and deadlines. Dates shown here are subject to change.

**Addendum to the University of Richmond Academic Calendars 2002-2004**

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

**Christian Holidays 2002-2004**

<b>Holiday</b>	<b>2002-2003</b>	<b>2003-2004</b>
Christmas	Dec. 25, Wed., 2002	Dec. 25, Thur., 2003
Good Friday	April 18, Fri., 2003	April 9, Fri., 2004
Easter Sunday	April 20, Sun., 2003	April 11, Sun., 2004
Easter Monday	April 21, Mon., 2003	April 12, Mon., 2004

**Jewish Holidays 2002-2004**

<b>Holiday</b>	<b>2002-2003</b>	<b>2003-2004</b>
Rosh Hashanah	Sept. 7-8, Sat.-Sun., 2002	Sept. 27-28, Sat.-Sun., 2003
Yom Kippur	Sept. 16, Mon., 2002	Oct. 6, Mon., 2003
Sukkot	Sept. 21-22, Sat.-Sun., 2002	Oct. 11-12, Sat.-Sun., 2003
Shemini Atzeret/Simchat Torah	Sept. 28-29, Sat.-Sun., 2002	Oct. 18-19, Sat.-Sun., 2003
Hanukkah**	Nov. 30-Dec. 7, Sat.-Sat., 2002	Dec. 20-27, Sat.-Sun., 2003
Passover (seders)	April 17-18, Thur.-Fri., 2003	April 6-7, Tues.-Wed., 2004
Passover (ending)	April 23-24, Wed.-Thur., 2003	April 12-13, Mon.-Tues., 2004
Shavuot	June 6-7, Fri.-Sat., 2003	May 26-27, Wed.-Thur., 2004

Jewish holy days, religious festivals, and the weekly Sabbath begin at sunset. On these days, observant Jews do not engage in daily activities or fulfill routine commitments.

Many Jews who do not observe all holy days prefer to celebrate at their synagogue or at home on Rosh Hashanah, Yom Kippur, and the first two evenings of Passover.

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

**Islamic Holidays 2002-2004**

<b>Holiday</b>	<b>2002-2003</b>	<b>2003-2004</b>
Eid-al-Fitr	Dec. 6, Fri., 2002	Nov. 25, Tues., 2003
Eid-al-Adha	Feb. 12, Wed., 2003	Feb. 1, Sun., 2004
Islamic New Year	Mar. 5, Wed., 2003	Feb. 22, Sun., 2004

All Islamic dates begin at sunset the preceding evening.

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

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

**Academic Schools**

*School of Arts and Sciences*  
 Andrew F. Newcomb, Dean  
 Dona J. Hickey, Director,  
 Graduate School of Arts  
 and Sciences  
*The Robins School of Business*  
 Karen L. Newman, Dean  
 Carol M. Lawrence, Director,  
 The Richard S. Reynolds Graduate  
 School of Business  
*Jepson School of Leadership Studies*  
 Kenneth P. Ruscio, Dean  
*The T. C. Williams School of Law*  
 John R. Pagan, Dean  
*School of Continuing Studies*  
 James L. Narduzzi, Dean

**Coordinate Colleges**

*Richmond College, for men*  
 Stephen Bisesse, Dean  
*Westhampton College, for women*  
 Juliette Landphair, Interim Dean

**Admission and Transfer**

*School of Arts and Sciences*  
 Pamela W. Spence, Dean  
*The Robins School of Business*  
 Terry M. Weisenberger,  
 Associate Dean  
*Jepson School of Leadership Studies*  
 Teresa J. Williams,  
 Associate Dean  
**Business Matters**  
*Fees and Payments*  
 Annemarie Weitzel, Bursar  
*Financial Aid*  
 Cynthia A. Deffenbaugh, Director

**Housing**

*Richmond College*  
 Joan D. Lachowski, Coordinator  
*Westhampton College*  
 Jennifer Smith, Coordinator

**Selected Administrative Offices**

*Athletics*  
 James D. Miller, Director  
*Campus Recreation*  
 Thomas Roberts, Director

*Career Development Center*  
 Andrew M. Ferguson, Director

*Health Services*  
 Lynne Pendleton Deane, M.D.,  
 Director

*Information Services*  
 Kathy Monday, Vice President  
 for Information Services

*International Education*  
 Uliana F. Gabara, Dean

*Multicultural Affairs*  
 Tinina Q. Cade, Director

*Psychological Services*  
 Warren P. Hopkins, Director

*Records and Transcripts  
 (Academic)*  
 Susan D. Breeden, University  
 Registrar

*Religious Life*  
 David D. Burhans, Chaplain to  
 the University

*Student Activities*  
 Max V. Vest, Director

*Student Affairs*  
 Leonard S. Goldberg, Vice  
 President for Student Affairs

## UNIVERSITY OF RICHMOND

### Statement of Purpose

The University of Richmond is an independent, privately endowed institution of higher education that provides a comprehensive academic program for men and women. It offers the intimacy of a small university and the diverse educational opportunities that derive from undergraduate degree programs in liberal arts and sciences, business and leadership studies as well as graduate and professional programs in law, business, and selected areas of the arts and sciences.

The University also provides a variety of credit and continuing education programs as well as cultural events to the larger community. The educational objectives of the University are to:

- ~ cultivate in students the interest, capacity, and skills necessary for independent intellectual inquiry and life-long learning;
- ~ convey to students a representative portion of the body of knowledge that has accumulated and endured through the history of world cultures;
- ~ encourage and aid students in the development of basic beliefs, values, and attitudes, including those of cooperation and tolerance;
- ~ assist students in selecting and preparing for careers as well as study in graduate and professional schools;
- ~ foster in students personal habits that contribute to health and physical fitness.

To achieve these objectives, the University is committed to:

- ~ an educational environment conducive to the development of the whole person—intellectually, socially, spiritually, physically and morally;
- ~ an academic setting that guarantees and encourages freedom of thought, expression and association;
- ~ an undergraduate curriculum that requires mastery of essential intellectual tools,

awareness of the diversity of human cultural experiences, extensive knowledge of at least one area of study, and opportunities for interdisciplinary and integrative inquiry;

- ~ a faculty dedicated to excellent teaching and dialogue with students, an active engagement in scholarship, scientific inquiry and artistic creativity;
- ~ a diverse, largely full-time and residential student body that participates in a broad range of University activities including opportunities for research, leadership, and development of civic responsibility;
- ~ the essential resources for learning, including libraries, laboratories, studios, information and communications technology, and media resources;
- ~ opportunities for internships, social commitment and public service, and other domestic and international learning experiences;
- ~ a program of varied social, spiritual and physical activities that provide occasions for growth, fun and fellowship;
- ~ an administration and staff who preserve and enhance the University's environment and resources, and who represent the institution to the broader community it serves.

### Organization and Accreditation

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

The University enrolls approximately 2,900 full-time undergraduates, 92 percent of whom live on campus; 500 full-time law and graduate students; and 1,300 part-time students, largely from Richmond and the surrounding community.

The University of Richmond is fully accredited by the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, GA 30033-4097; Telephone 404-679-4501) to award associate, baccalaureate, master and juris doctor degrees. The University is also certified by the Virginia State Board of Education to offer teacher licensure programs. Various departments and divisions have more specialized accreditation. Included in this category are the music program, accredited by the National Association of Schools of Music; and the chemistry program, accredited by the American Chemical Society. In addition, The Robins School of Business is accredited by the American Assembly of Collegiate Schools of Business at the undergraduate and graduate levels, and The T.C. Williams School of Law is accredited by the American Bar Association.

### Environment and History

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

In 1992, the academic missions of Richmond College and Westhampton College were combined in a separate school, the School of Arts and Sciences. Richmond College and

Westhampton College are the coordinate colleges for men and women respectively, providing special programming and leadership opportunities in student life.

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

### Information Services - Library and Computing Resources

In 1997, the University Libraries and University Computing were combined under one umbrella, Information Services. The two areas work in tandem to provide the University community with access to a wide variety of information, maximizing the use of technology.

### Library Resources

The University libraries are the center of intellectual activities outside the classroom. They are composed of the Central Library, Business Information Center, and Media Resource Center in Boatwright Memorial Library; the Science Library in the Gottwald Science Center, and the Music Library in the Modlin Center for the Arts. The Law Library in The T.C. Williams School of Law is administered separately.

Boatwright Memorial Library, facing Westhampton Lake and in the center of campus, is the central library containing over 450,000 volumes; nearly 1,800 social sciences, humanities, fine arts and business periodicals; microform collections; and numerous electronic databases. The University of Richmond has been a designated depository library for U.S. government documents since 1900; Boatwright Library contains over 300,000 items in print, microfiche, and in electronic formats, including publications from Congress, the Department of State and the Census Bureau.

The Galvin Rare Book Room contains nearly 25,000 rare books, first editions, maps, photographs and manuscripts. Boatwright Library seats up to 800 students and has individual and group study rooms.

An integral part of the library system is the Business Information Center of The Robins School of Business, located on the second floor of Boatwright Library. The Center provides reference services to the campus and Richmond business community, and contains an extensive reference collection and a number of electronic databases.

The Billikopf Media Resource Center, located on the second and third floors of Boatwright Library, provides audiovisual materials, equipment and production services to the campus community. The MRC contains collections of films and videos, spoken art audiocassettes, recorded books, and a variety of media equipment. Many international programs are received from satellite transmission, and the campus cable system is utilized for instruction and academic assignments. The facilities of the MRC include the Adams Auditorium, classrooms, seminar rooms, and the Curriculum Materials Center located on the third floor of Boatwright Library.

The Music Library holds over 10,000 volumes of printed music, books and journals and nearly 10,000 musical sound recordings on LP, CD and audiocassette.

The Science Library has a collection of approximately 80,000 volumes and subscribes to over 900 journals and several electronic databases.

The libraries provide individual and group instruction on the use of various library and information resources, including the Internet and other electronic databases. A computer classroom is located in Boatwright Library for both group instruction and individual student use. The online catalog provides access to the collections of all the libraries on campus. The libraries belong to several local, state, regional and national consortia, and can obtain materials not held locally. Collections in various Richmond area libraries also are available for research and consultation, including those of Virginia Commonwealth University, the Medical College of Virginia, the Library of Virginia and Archives, Union Theological Seminary, Randolph-Macon College and the Richmond public libraries.

Housed in a separate wing of Boatwright Memorial Library, the Virginia Baptist Historical Society's facility is designated as a memorial to the Virginia Baptists who struggled to secure religious liberty in America. The library holdings include 18,000 books by and about Baptists, 5,000 manuscripts, and over 400 collections of personal papers. More than 3,100 original Virginia Baptist church record books are on deposit in the collection, making it one of the largest archives of congregational records of any denomination. The Society also manages the University Archives, a large collection of books, papers, photos and memorabilia related to the history of the University of Richmond.

Libraries are open to the entire campus community.

The Lora Robins Gallery of Design from Nature, entered separately on the lower level of Boatwright Library, houses an extensive collection of gems and jewels, minerals, seashells and corals, fossils and cultural artifacts.

### ***Computing Facilities***

The largest computing facility on campus is located in Jepson Hall. The ground floor of the building is dedicated to computer services. Jepson Hall houses three IBM-compatible teaching labs equipped with multimedia projection systems. When classes are not in session, these rooms may be opened for general student use. Two student computing labs also are open for general use and are equipped with a combination of Macintosh and IBM-compatible computers and Sun SPARCstations. University Computing also maintains a training lab that is used primarily for administrative and technology training sessions, and a Technology Learning Center that is largely a faculty resource.

Richmond provides computer lab facilities for teaching, research and learning at several other campus locations. IBM-compatible systems are the primary platform at the University, although there are Macintosh labs for departments who prefer them. Computer labs are

located in many of the academic buildings and are dedicated to the special requirements of a particular department or discipline. The departments of Physics, Music, Psychology, Journalism, and Education have facilities that are populated primarily with Macintosh computers. The Gottwald Science Center, the departments of Modern Languages and Literatures and Classical Studies have lab facilities that utilize IBM-compatible systems or a mixture of IBM and Macintosh. Math and Computer Science students have access to systems running Unix and Windows NT.

In 1997 Boatwright Memorial Library opened the new Boatwright Computer Classroom. This multimedia classroom has IBM-compatible student stations. When it is not scheduled for classes, this classroom is open for general student use during normal hours of operation.

A major renovation of the building that houses the Robins School of Business was completed in 1999. The building has 10 multimedia classrooms with desktop access to network services, including e-mail and Internet access for all student stations. The building also contains a new IBM-compatible computer lab.

In addition, the University is committed to an ongoing initiative to equip classrooms around the campus with multimedia capability, including network and Internet access.

### **Undergraduate Colleges**

Though Richmond is composed of five general academic schools as well as two coordinate colleges, this bulletin provides specific program information about only undergraduate study in the School of Arts and Sciences, Robins School of Business and Jepson School of Leadership Studies. Pertinent information about the coordinate colleges, 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**

### ***School of Arts and Sciences***

The School of Arts and Sciences enrolls about 2,300 men and women and offers Bachelor of Arts and Bachelor of Science degrees in a wide range of subjects in the liberal arts and sciences. The Arts and Sciences faculty also provides instruction in the Graduate School of Arts and Sciences leading to a small number of master's degrees in five areas.

Students beginning their college careers are admitted to the School of Arts and Sciences. Those interested in earning degrees through the Robins School of Business may declare their majors in the business school after their first year. Those students interested in leadership studies are required to be prepared in the liberal arts and sciences and be admitted to the Jepson School of Leadership Studies in the spring of their second year. Both of these schools are described below. Others will continue in the School of Arts and Sciences to complete the studies they have chosen.

### ***Robins School of Business***

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

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

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

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

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

The Leadership Studies faculty also provide the Master of Leadership Studies (MLS) degree in the Jepson School of Leadership Studies.

### ***Coordinate Colleges***

The University seeks to provide education on a human scale through three academic schools and two coordinate colleges for undergraduates: Richmond College for men and Westhampton College for women. It emphasizes the benefits of active involvement and participation in smaller communities as a way to draw the most from life in the University. Through such involvement and participation, a greater sense of satisfaction and community can be experienced as students celebrate traditions and make their own impact.

Each student admitted to one of the three academic schools simultaneously becomes a member of a coordinate college regardless of whether the student lives in a residence hall. The organization of coordinate colleges by gender clearly affords a basis for sharing common experiences and life issues. Richmond College and Westhampton College offer students unique opportunities to have meaningful bonding experiences in their communities and organizations of the same gender. Such opportunities enhance the identity formation

and personal development of the participants to a greater extent than the more typical coeducational curricular and cocurricular experience.

The coordinate colleges offer a ready way to focus on the important theme of gender in personal development. At the same time, the colleges' educational concerns encompass other critical issues in human education and experience, such as the growing challenges of a global society, the meaning of democratic values, the importance of ethical and religious issues in human life, and the significance of academic excellence.

Each coordinate college has its own dean and staff, student government, activities and traditions; the colleges work together where there are mutual concerns. The colleges seek ways to relate to the student as a person and not simply as a mind, body, or a set of emotions and interests. They develop for their students linkages between and among residential life, academic life, student government and social life, integrating the facets of students' lives. The college deans exercise academic responsibilities on behalf of the academic schools and are able to bring University resources from a variety of domains to bear on the life of individual students.

The gender-based coordinate colleges combine the benefits of a coeducational academic experience with the advantages of a single-gender experience. The greater number and variety of cocurricular activities provide more opportunities for student involvement. In particular, the University offers through its human-scaled structure many more student governance positions than usual and guarantees leadership roles for both men and women. Such positions allow students the chance to affect their quality of life and to help shape their University.

## ADMISSION

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

Criteria for admission are both objective and subjective. Such qualities as academic ability and achievement combined with personal qualities of leadership, creativity, and independence are sought. For students entering as first-year students, the secondary school experience, the results of standardized tests, and the particular characteristics of each applicant will be considered.

The largest number of successful applicants will have taken a challenging college preparatory program and typically rank in the top fifth of their secondary school class. There are no minimums or cut-off scores for any factor included in the admission decision. Successful applicants represent a wide variety of backgrounds. The prospective student is advised, therefore, to complete the most challenging college preparatory program which can be taken at the secondary school which he or she attends. Students admitted must show evidence of high school graduation or exemplary completion on all five achievement tests of the general education development (G.E.D.) battery.

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

Virginia law mandates that each student submit an immunization record prior to enrollment. In compliance with this requirement, the immunization record is included in the

health history form provided to entering students and is to be returned to the Student Health Center. Admission information for specific academic schools is presented in the following pages.

### ***Campus Visits***

Prospective students are invited to visit the campus, participate in the admission conference, take a tour of the campus, and confer with professors, coaches, or other persons in their fields of interest. The admission conference consists of a group presentation and discussion about the University of Richmond and is led by an admission officer. While individual interviews are not offered, personal or individual concerns may be discussed with the staff member after the presentation. When the University is in session, student-conducted campus tours usually follow each conference. The campus visit is encouraged because it provides an opportunity for the prospective student to learn about the University, have questions answered, and see the campus.

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

During January, February, and March, schedules are abbreviated and times vary.

### ***Admission Requirements***

Candidates for admission must have completed a minimum of 16 units of secondary school work. Minimum requirements include four units in English, three in college preparatory mathematics (inclusive of Algebra I, II, and Geometry), and at least two each in history, laboratory science, and foreign language. Competitive candidates for admission usually have three to four units in science, history, and foreign language.

The applicant must have the secondary school send an official transcript of work completed, courses in progress, and the school's

recommendation. Students who have taken work at or under the auspices of a college or university must provide a statement describing the work, and an official transcript from the college or university must be sent directly to the Office of Admission, University of Richmond.

The Scholastic Assessment Test (SAT-I) and two SAT-II Subject Tests must be taken by all first-year candidates for admission. The SAT-II Subject Tests must include the writing test and the mathematics test (any level). Results of the American College Test (ACT) may be submitted in lieu of the SAT-I and the two SAT-II subject tests.

Application for admission may be made using the Common Application Form (paper or online version) or on the University of Richmond application form (paper or online version). Students completing the Common Application are required to submit a Common Application Supplement, which is available on the Admission Web site. The nonrefundable \$40 application fee must accompany the application for admission.

## Admission Plans

### Regular Decision

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

### Early Decision

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

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

### Early Admission

The early admission program provides for the admission of exceptional students who have completed their secondary school experience in three years, prior to their college matriculation. Additionally, appropriate candidates must possess an unusually strong college preparation, as demonstrated through a challenging and rigorous course of study, while presenting scores on the SAT-I and the two specified SAT-II Subject Tests or an ACT of a highly competitive nature. The student is required to have an interview with an admission officer and submit a letter from the secondary school counselor endorsing the student's early admission application.

### Transfer Admission

A student who wishes to transfer from another college or university may apply for transfer admission. A student must have completed a minimum of at least 24 semester hours of transferable credit at the time of matriculation. The transfer credit must have been earned at an institution regionally accredited at the time the work was completed. Transfer candidates must have earned at least a *C* (2.00) average on all college-level work to be eligible for review, yet 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 required. In order to receive a degree from the University of Richmond, a student must complete at least 60 semester hours at the University, including the work of the senior year.

The deadline to submit a transfer application for fall enrollment is February 15 (prior-

ity) or April 15; spring enrollment deadline is November 1. The applicant must file an application form, pay the \$40 nonrefundable application fee, and have secondary school and college transcripts forwarded directly to the Office of Admission. Credit for work completed at another college or university will be subject to the following conditions:

A student must have sent official certificates showing:

- Secondary school credits
- College record
- Honorable dismissal or approval to continue in good standing

Credit is allowed only for work equivalent to courses offered at the University of Richmond. Credit is not granted for courses taken in another college in which the student earned a grade below the equivalent of *C* (2.0). The acceptance of courses in which a *C* (2.0) was earned and the application of such courses to degree requirements are subject to approval by the Office of the University Registrar and/or the appropriate academic department.

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

### International Admission

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

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

A student may apply as a transfer candidate after successfully completing at least one year of full-time study at a recognized aca-

demically university in the United States or abroad. Refer to the "Transfer Admission" section above.

In addition to test requirements described in "Admission Requirements" above, all non-native English speakers must submit results for Test of English as a Foreign Language (TOEFL). The University expects non-native English speakers to possess strong analytical and rhetorical writing skills and highly-developed oral communication proficiency in English. Because the University offers only short-term, advanced English as a Second Language (ESL) study during summer and the academic year, applicants must demonstrate English proficiency prior to enrolling (consideration will be given to those candidates with a minimum score of 550 on the manual TOEFL or 213 on the computerized TOEFL).

### Home-Schooled Students

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

- The ACT or SAT I and SAT II Subject Tests, in the subject areas of writing and mathematics. A student who has taken the SAT is strongly urged to submit two additional SAT II Subject Tests in the subject areas of history and natural science.
- Participate in an interview conducted by one of the University's admission officers. The interview is required for students who spend 50% or more of their secondary school experience in a home-school setting or are graduating from a home-school environment. These interviews are conducted in person or over the phone by appointment.
- Submit a narrative description of the home-schooling environment, such as parental instruction, community teaching, etc. Additional items which could be included are syllabi for all courses taken and a list of the textbooks used.

(d) Optional letters of recommendation, preferably from individuals who have had academic contact with the student.

For further information, please feel free to contact:

*The Dean's Office  
Robins School of Business  
University of Richmond, Virginia 23173  
Telephone: (804) 289-8550*

**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.

The Bachelor of Science in Business Administration (BSBA) is built upon a broad foundation including two years of liberal arts courses and a business curriculum of required and elective courses. Students also will find the business curriculum broadly based. Emphasis is placed on the close interrelationships of the various business functions and operations.

After one year in the School of Arts and Sciences, students may declare their major in accounting, business administration, or economics. At the time of declaration, students will be assigned an academic advisor who teaches in the area in which the students intend to major.

In anticipation of the junior and senior years, planning should begin in the first year to meet the University's general education and wellness requirements as specified below:

- First Year Core Course
- Communications Skills I - Expository Writing
- Communications Skills II - Foreign Language
- Fields of Study (Historical, Literary, Natural Sciences, Social Analysis, Symbolic Reasoning, and Visual and Performing Arts)
- Wellness Requirement

It is strongly recommended that a student complete the BSBA requirements (ACCT 201-202, ECON 101-102, BUAD 201, and BUAD 203) during the first two years on campus. During the last two years in the Robins School of Business, a student's course of study will be directed towards meeting the business foundation courses, courses within the major or concentration, and business or nonbusiness electives.

**School of Leadership Studies**

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

Students interested in the major or minor must apply and be selected by the School of Leadership Studies. In this regard, the final decision concerning admission to the school rests with the Jepson School of Leadership Studies Student Affairs Committee.

The student must submit a formal application in the fall after completing the first academic year of study at an accredited college or university.

**Admission Procedures**

To apply for admission to the Jepson School of Leadership Studies, a student must complete the following:

- ~ a Jepson School application with recommendations and transcripts
- ~ a personal essay
- ~ LDSP 201, Foundations of Leadership Studies
- ~ LDSP 205, Service to Society
- ~ A C (2.00) average or better must have been earned on all academic work attempted; however, this average does not guarantee admission.

For further information please contact:

*The Dean's Office  
Jepson School of Leadership Studies  
University of Richmond, Virginia 23173  
Telephone: (804) 289-8008*

**FINANCIAL AFFAIRS**

**Fees: 2002-03 Schedule**

	<b>Semester</b>	<b>Year</b>
<b>General Fee</b> 12 - 19 semester hours for first-year students, sophomores and transfer students .....	\$11,865	\$23,730
<b>General Fee</b> 12 - 19 semester hours for all other students .....	11,130	22,260
Over 19, fewer than 12: per hour .....	1,115	
<b>Housing</b> (per student)		
Double occupancy:		
air-conditioned rooms .....	\$1,235	\$2,246
non-air-conditioned rooms .....	1,110	2,220
Lora Robins Court .....	1,173	2,346
If available or if assigned:		
single occupancy: <i>add</i> .....	150	300
triple or quadruple occupancy: <i>deduct</i> .....	(12.50)	(25)
University Forest Apartments .....	1,223	2,446
(Local telephone service, basic cable television, and University data connections provided in all residential housing)		
<b>Meal Plans</b>		
Spider Plus Plan (19-Meal Plan) .....	\$1,347	\$2,694
Spider 14 (14-Meal Plan) .....	1,328	2,656
Spider 10 (10-Meal Plan) .....	1,308	2,616
Spider 5 (5-Meal Plan) .....	683	1,366
Spider Plus Unlimited .....	1,490	\$2,980
Spider 100 .....	761	1,522
<b>Special Fees</b>		
Applied Music - per course, nonmajors only		
Individual instruction .....	\$400	
ID card replacement: each occurrence .....	15	
Graduation fee .....	30	
Campus vehicle permit (spring semester only: \$40) .....		\$80
Registration, change: per transaction .....	10	
Registration, late ( <i>payable before matriculation</i> ) .....	60	
General Fee Payment, late - Fee will be assessed up to: .....	60	
<b>Optional Fees</b>		
Student Health Service .....	\$85	\$170
Cable Television		
Cable Channel 1 .....	42	84
Cable Channel 2 .....	42	84

*(Semester fees are based on a single-semester contract; year fees are based on a full-year contract.)*

- ~ Textbooks cost approximately \$300-\$350 per semester; laundry, supplies, transportation, and sundries are extra costs.
- ~ Please consult the next chapter under the headings: *Motorized Vehicles, Student Health Center, Residence Life, Food and Auxiliary Services*, for further information.
- ~ Regardless of the academic school in which a course is taken, the student pays the tuition and fees of the school to which he or she has been admitted and which is considered the school of record. Any special fee associated with a particular course, such as a laboratory fee, is charged based on registration in the course.
- ~ The University reserves the right to increase the fees listed herein and the charges for room and board if conditions should make such changes necessary or advisable. The changes will be announced as far in advance as feasible.
- ~ **Fees and charges will increase for the 2003-2004 school year and will be announced as soon as possible.**

**Payments**

Inquiries concerning payments should be directed to the Office of the Bursar, phone (804) 289-8147 or (877) 237-9734 (toll-free).

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

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

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

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

*Bursar’s Office  
Box R  
University of Richmond, Virginia 23173*

To pay tuition and fees by MC/VISA or DISCOVER, call PhoneCharge at (877) 237-9734. There is a convenience fee to use this service that is explained in detail during the phone call. This fee is a percentage of the amount being charged and not a flat rate.

**Deposits**

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

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

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

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

**Deferred Payments**

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

Many parents and students may prefer to arrange financing through their local banks or other sources; but if there is interest in this plan, further information is available upon request from the Office of the Bursar.

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

**Late Payment Fee**

A late payment fee will be assessed on any unpaid balance. Students who fail to make satisfactory arrangements for their semester fees by the close of the business on the first day of the term will be charged a late payment fee of up to \$60.

**Late Registration Fee**

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

**Refunds**

Inquiries concerning refunds should be directed to the Office of the Bursar, (804) 289-8147 or (877) 237-9734 (toll-free).

**University of Richmond Refund Policy**

**Advance Deposits - Returning and Readmitted Students**

General Fee Deposit - *Nonrefundable*.

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

**Advance Deposits - First-Time Students**

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

If the “accepted applicant” matriculates and therefore becomes a student:

General Fee Deposit and Housing Deposits are refundable in accordance with the University Refund Policy.

**General Fee, Room and Board Refund**

Inquiries concerning refunds should be directed to the Office of the Bursar, (804) 289-8147 or (877) 237-9734 (toll-free).

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

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

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

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

**Appeals Process**

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

**Financial Aid**

The financial aid program at the University of Richmond provides need-based grants, loans, and work opportunities, and also awards merit scholarships. Applicants for financial aid must be enrolled or accepted for enrollment in a degree or certificate program at the university. The **need-based aid** programs are de-

signed for those families who are unable to pay the full cost of a college education. The **merit-based scholarships** are provided in recognition and support of noteworthy academic achievement. These merit-based scholarships are generally awarded independent of any assessment of need, although it is possible to qualify for a combination of need- and merit-based aid.

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

(\*NOTE: The deadline for financial aid applications for returning students is May 1.)

Students who are eligible for need-based aid are offered a package of funding that typically consists of a mix of grants, loans and work.

There are a number of merit-based scholarship programs, some of which pay full tuition, room and board. Students are selected from the pool of applicants for admission. Separate merit-based scholarship applications may be required.

The Virginia Tuition Assistance Grant is awarded to those students who are residents of Virginia. In 2001-02 grants were awarded in the amount of \$3,000. Applications are sent from the Admission office to students who are accepted to the University.

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

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

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

Undergraduate students must meet the following minimum standards:

at the end of semester	credits earned	grade point average
2	24	1.50
4	48	1.70
6	72	1.85
8	96	2.00
10	122	2.00

For further information about the various financial aid programs, contact the Financial Aid Office at (804) 289-8438 or [finaid@richmond.edu](mailto:finaid@richmond.edu) with questions about need-based aid. Call the Office of Admission at 1-800-700-1662 or (804) 289-8640 or [scholarsoffice@richmond.edu](mailto:scholarsoffice@richmond.edu) with questions about merit-based scholarships.

## STUDENT LIFE

The University of Richmond, through the Division of Student Affairs, 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 coordinate colleges, are focal points in student life matters. For the University, the offices are centers for closely knit smaller communities within the whole.

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

### Student Life Services

#### *Career Development Center*

The Career Development Center (CDC), located on the ground level of Richmond Hall, provides comprehensive career services for undergraduate and graduate students. The CDC exists to help students identify and achieve their career goals. The staff is committed to providing resources and services to students and alumni, based on the fundamental belief that career decision making is a life-long process, integral to the University's educational objectives.

Staff members, who are assigned as liaisons to academic departments, provide individualized career counseling and help students develop systematic approaches to job or graduate school searches. Students have ac-

cess to on-line assessment instruments to assist them in career decision-making. Programs, which often feature alumni and area employers, are presented throughout the year on job search strategies, connections between careers and majors, internships, transitions from student to work life, and other relevant topics.

The Career Development Center houses a career resource library that contains a variety of print and multimedia materials. The Internet enhances the CDC's ability to communicate with and provide services to students. Using resources accessible through the Center's Web site, students can access complete graduate and professional school catalogs, full-time job vacancies, and more than 20,000 internship listings on the award-winning Internship Exchange and its companion Intern Center. eRecruiting software allows students to sign up for on-campus recruiting events, search for job listings, and to upload their résumés for referrals to employers and internship sponsors. Students should visit the CDC Web site (<http://cdc.richmond.edu>) to view all available resources and a calendar of upcoming events.

The Center also sponsors a number of career events throughout the year, including the Richmond Career Fair, the Summer Experience Fair, the Arts and Sciences Majors Fair, and Metrolink, an off-campus interviewing event held in New York City. More than 150 organizations visit campus each year to identify candidates for full-time jobs and internships.

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

#### *Chaplaincy*

Religious activities center in the Office of the Chaplaincy, which is easily accessible in the E. Carlton Wilton Center for Interfaith Campus Ministries. Community service initiatives are also an important part of this Chaplaincy. The University is interested in the moral and

spiritual needs of all its students regardless of faith, tradition or beliefs. This is appropriate because the various interests and groups represented in the student body are many and diverse.

There are numerous denominational organizations for students of various faiths: Jewish, Christian, Muslim, and others. Religious activities and dinners are held which are open to all to promote interfaith understanding. Each Sunday morning there is an interdenominational Christian worship service in Cannon Memorial Chapel, a Roman Catholic liturgy on Sunday evening, and a Sabbath evening service for Jewish students on Friday. The City of Richmond has well over 300 places of worship, each of which welcomes students to participate, and the opportunities for service in the Greater Richmond area are numerous.

The Chaplaincy office also offers help through individual counseling or group workshops to the student who is facing personal problems or critical decisions or who has spiritual needs.

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

The University maintains an office for Counseling and Psychological Services (CAPS) in addition to the academic advising and religious counseling services described above. The office is staffed by counseling and clinical psychologists who are prepared to help students meet academic, personal, or emotional challenges while they are enrolled at the University. The services correspond to students' needs and include short-term counseling and psychotherapy, assessment, crisis intervention, psycho-educational presentations, individual consultations, and referral services. A policy of confidentiality is maintained with all services guided by the standards of the American Psychological Association and the licensing laws of the Commonwealth of Virginia.

### ***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 Affairs serves as the University's Disability Coordinator. The University does not discriminate on the basis of

disability in admission. Therefore, applicants are not required to provide information about their physical condition or disability status prior to admission. Individuals with disabilities are invited to contact the Disability Coordinator regarding any accommodations they may require in visiting the campus or upon matriculation. The University provides reasonable adjustments or accommodations in its academic programs as necessary for equal opportunity and participation for qualified students with disabilities.

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

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

### ***Multicultural Affairs***

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

### ***Student Health Center***

The Student Health Center offers a comprehensive program in health education and health maintenance, as well as treatment for illness and injury. The Health Center staff includes board-certified family practice physicians and registered nurses. Services include acute care for illness and injury, general medical care, gynecology, allergy shots, and immunizations. The telephone number is (804) 289-8064. Students and parents are encouraged to visit the Web site for general information and timely messages: [www.richmond.edu/Student\\_Affairs/studhealth/](http://www.richmond.edu/Student_Affairs/studhealth/).

Students living on campus are eligible for the services provided by the Student Health

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

Hours of operation (subject to change) are 8:30 a.m. to 12:00 noon, and 1:00 to 5:00 p.m., Monday - Friday and 1:00 p.m. - 5:00 p.m. on Saturday. Registered nurses are on duty at all times. The doctors maintain regular office hours Monday - Friday. If a physician's services are required after office hours, an off-campus referral to a private facility will be made.

Students are encouraged to call and speak with a registered nurse about their symptoms before walking in for an evaluation through the Dial-A-Nurse system (call extension 8064 and ask for the Dial-A-Nurse). When coming to the Student Health Center, each patient may initially be evaluated by the nurse, who will advise the most appropriate treatment for the patient's medical complaint. If the Dial-A-Nurse evaluation or nurse evaluation on-site indicates the need, an appointment with the doctor will be made. Appointments are made only after evaluation by the nurse except for annual gynecological examinations, doctor-requested follow-up visits, allergy shots, immunizations, and PPD (tuberculosis) tests.

Allergy shots are given by appointment on weekdays during specified hours. Detailed instructions from the referring physician must accompany the allergy serum. There is a fee for this service which is billed through Student Accounts at the end of each semester.

Routine immunizations can be obtained at the Health Center. The fee for this service is payable at the time of the injection and is based on the cost of the serum. This also applies to PPD (tuberculosis) skin tests.

Legal and ethical standards pertaining to confidentiality and health matters are observed by the Student Health Center staff.

### ***Policies***

The University of Richmond is governed by policy statements which guide individual

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

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

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

### ***Richmond College Honor System***

The Richmond College Honor Council provides information about the Honor System to new students and instructs them as to its meaning and operation. The Richmond College Honor Council mails information about its Honor System to each applicant who expects to enroll in Richmond College. During New Student Orientation, students are given information about the Honor System, and are instructed as to its meaning and operation. Each student is required to pass a test to demonstrate an adequate knowledge of the Honor System. Each new member of Richmond College signs the Honor Code during the Investiture Ceremony early in the fall semester.

### ***Westhampton College Honor System***

The Westhampton College Honor Council sponsors Proclamation Night, a ceremony which formally introduces each Westhampton College student to the Honor Code and at which each student is required to sign the Honor Code. Prior to the signing ceremony, each student is given information about the Honor System and is instructed in its mean-

ing and operation. Each student is required to take a test to demonstrate knowledge of the Honor Code and College policies. No student's matriculation is complete until the test is passed and the Honor Code signed.

### **Standards of Conduct**

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

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

A copy of this Policy Statement and/or any officially approved revisions thereof is readily available in the residential college handbooks for each student who matriculates. All members of the University community should familiarize themselves with this Policy Statement and revisions, and with any other official publications, handbooks, or announcements issued from time to time by the University of

Richmond or by individual colleges and schools of the University.

### **Right to Privacy**

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

### **Alcoholic Beverages and Other Drugs**

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

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

The security of all members of the campus community is of vital concern to the University of Richmond. Information regarding crime prevention advice, the law enforcement authority of the University Police, policies concerning the reporting of any crimes that may occur on the campus, and crime statistics for the most recent three-year period may be requested from the University of Richmond Police Department, P.O. Box 296, University of Richmond, VA 23173, or accessed on the University's Web site at [www.richmond.edu/](http://www.richmond.edu/)

administration/police/ccra.html. A paper copy of the security report will be provided upon request and may be obtained at the University Police Department, located in the Special Programs Building.

### **Motorized Vehicles**

Each automobile, motorcycle, motorbike, or other such motorized vehicle operated on the campus must be promptly registered with the University, and the campus automobile permit fee paid. Individuals operating vehicles must abide by the regulations governing registration, use, and parking. The University Police Department administers the registration and monitors compliance. Inquiries should be directed to that office.

### **Residence Life**

On-campus housing for undergraduate women is arranged by the Housing Coordinator of Westhampton College; arrangements for undergraduate men are made by the Housing Coordinator of Richmond College. Inquiries, reservations, or other housing-related correspondence should be addressed to the appropriate housing coordinator.

The University attempts to provide on-campus housing for full-time students who desire to be accommodated. No student is required to live on campus, and some choose to reside off campus in private homes or apartments. The University does not provide married student housing.

Residence hall rooms generally house two students, but there are rooms available which house one or three persons. (One-person rooms are not available for first-year students.) Most residence halls have lounges and laundry areas.

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

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

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 each college. Incoming students complete a questionnaire. Using expressed lifestyle, mutual interests, and other criteria, rooms and roommates are assigned.

### **General Conditions**

The Unified Agreement sets forth the specific terms and conditions applicable to residence hall rentals, meal plans, telecom services, and data services. Each student approved for housing receives a copy of the Unified Agreement, which details the services provided to students, in conjunction with the room reservation procedures. Detailed information regarding residence life and housing is available in the college handbooks.

### **Activities**

Because cocurricular activities are an important part of the campus experience, a broad range of events and opportunities to challenge student interests is provided. The University has opportunities for leadership and community service as well as for cultural, recreational, social, and spiritual interests. Events occur weekly that are planned for students by students. Such events include, but are not limited to, bands, movies, comedians, hypnotists, and karaoke. Academic departments, as well as the Modlin Center for the Arts, sponsor many lectures, concerts, and plays. These activities combined with academic pursuits contribute to the formation of the well-rounded individual.

### **Organizations**

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

practice beyond the classroom. Each serves to unite students who have a common academic interest.

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

Religious organizations are an integral part of University life. They present a variety of opportunities for fellowship, study, and social service in denominational, nondenominational, and interdenominational settings.

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

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

### **Campus Recreation**

Campus Recreation is dedicated to the concept of providing quality recreational and wellness opportunities for the campus community. Campus Recreation has seven components: informal recreation; aerobics and fitness; intramurals; outdoor adventure; special events; sport clubs; and wellness.

With a valid University ID card, students, faculty, and staff are eligible to use the informal recreation gymnasiums, weight room, exercise rooms, pool, seven racquetball courts, two squash courts, 13 tennis courts, and the 400-meter track. More than 30 stretching, toning, and group exercise sessions are offered

each week in a variety of levels to accommodate beginner to advanced participants. A wide variety of intramural sports and special events is available in men's, women's, and corecreational divisions at varying competitive levels. Eighteen sport clubs provide students the opportunity to compete in sports not offered at the varsity level, or just to learn and practice a new activity. The Outdoor Adventure Program provides outdoor equipment and acts as a resource for local outdoor recreation programs and activities. The Wellness Program, in addition to coordinating the Wellness graduation requirement, offers many free programs such as massage and fitness/nutrition assessments. The Wellness Center also has walk-in services such as a computer lab and resource center.

### **Intercollegiate Athletics**

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

### **Student Government**

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

### **Dining Services**

The main dining center at the University of Richmond is the spacious E. Bruce Heilman

Dining Center. This well-equipped building is located on a particularly attractive site overlooking Westhampton Lake. The main dining area accommodates 2,200 students; a lower level is used as a catering area for University functions and for the University Club. The Tyler Haynes Commons building houses Tyler's Grill, a fast food facility, and The Cellar, a late night gathering space. The units of the townhouse apartments have kitchens for the use of their residents.

### **Meal Plans**

All students living on campus, except those residing in the University Forest Apartments, must participate in a meal plan. Details of the meal plans follow.

#### **Residence Hall Students:**

*First- and Second-Year Students* - Participation in Spider Plus Plan is automatically assigned to all first- and second-year students as part of the residence hall agreement. Students may elect to upgrade to the Spider Plus Unlimited.

*Third- and Fourth-Year Students* - Returning third- and fourth-year students in the residence halls have a variety of meal plans to choose from during registration for campus services. Students can choose the Spider Plus, Spider 14, Spider 10, or upgrade to the Spider Plus Unlimited. If an option is not selected during the registration period for Campus Services or changed prior to June 1st for fall semester or October 15 for spring semester, the student will automatically be assigned his/her meal plan option from the previous semester.

**Spider Plus Plan:** One meal punch during each of the 19 meal periods at either Tyler's Grill or the Heilman Dining Center. Also includes one guest meal per semester, and the ability to use the One-Card at all dining locations.

**Spider Plus Unlimited:** One meal punch per each meal period at Tyler's Grill or unlimited meals at the Heilman Dining Center during each of the 19 meal periods. Also includes five guest meal punches per semester, one bonus punch per week with up to a \$5.00 value for use in The Cellar,

Edible Bites, or Whitehurst, and the ability to use the One-Card at all dining locations.

**Spider 14:** One meal punch per meal period at either Tyler's Grill or the Heilman Dining Center for 14 out of the 19 meal periods offered weekly. Also includes one guest meal punch per semester and the ability to use the One-Card at all dining locations.

**Spider 10:** One meal punch per meal period at either Tyler's Grill or the Heilman Dining Center for 10 out of the 19 meal periods offered weekly. Also includes one guest meal punch per semester and the ability to use the One-Card at all dining locations.

#### **University Forest Apartment Residents and Off-Campus Students:**

*UFA and Off-Campus Students* may select any of the above meal plans, waive meal plan participation or choose from one of the two specialty options designed just for them. Please note that only meal plan participants can use their One-Card at Tyler's Grill or the Heilman Dining Center. If an option is not selected during the registration period for Campus Services or changed prior to June 1st for fall semester or October 15 for spring semester, the student will automatically be assigned his/her meal plan option from the previous semester.

**Spider 5:** One meal punch per meal period at either Tyler's Grill or the Heilman Dining Center for 5 of the 19 meal periods offered weekly. Also includes one guest meal punch per semester and the ability to use the One-Card at all dining locations.

**Spider 100:** A block of 100 meals each semester is available to all students selecting this plan. Spider 100 participants can elect to use one punch during any meal period at the Heilman Dining Center with return access during that meal period or can use up to three punches per meal period at Tyler's Grill for 10 of the 19 meal periods offered weekly. Included in this plan are two guest meal punches per semester, one bonus punch per week with up to a \$5.00 value for use in The Cellar, Edible Bites, or Whitehurst, and the ability to use the One-Card at all dining locations. Meals do not roll over semester to semester.

### Changes in Meal Plan

Once a selection has been made, third- and fourth-year students may make one additional change within the meal plan options prior to June 1 for the fall semester and prior to October 15 for the spring semester. To initiate a change, the student must personally contact the One-Card Office by the published deadline.

After the deadline, a change can be made only with the approval of the Director of Dining Services. 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.

### Conditions

Meals under all meal plans are served during the days and times stated in the calendar for the School of Arts and Sciences, the Jepson School of Leadership Studies, and the undergraduate school of The Robins School of Business.

The ID/Meal Card is **nontransferable**.

All University students may sign up for the University's Spider account, a declining balance program which allows students to access previously deposited funds via their University One-Card. The Spider account allows students the ability to make purchases without carrying cash and can be used by all students at Edible Bites, the Bookstore, Whitehurst, the Student Health Center, The Cellar, in laundry facilities, most vending machines, and for pinball and video games. Students on a meal plan also may make purchases with their One-Card at Tyler's Grill and the Heilman Dining Center. Students will be mailed information each semester for One-Card sign up. A minimum initial deposit is required. Complete information on the One-Card is available in the University brochure.

Please refer to the Dining Services Web page for more specific information on hours, dates of operation, menus, service policies, box meals, nutrition counseling, and other specialty services.

### Bookstore

The University Bookstore carries textbooks for all courses scheduled for a given term at the University. A comprehensive selection of reference books, study and research aids, and general reading materials is also available. The store offers desk, office, and art supplies; posters; greeting cards; gift items; clothing; and health and beauty aids. Among the services provided by the bookstore are ring and jewelry special orders; book special orders; film developing; photo and document mounting; and group imprinted clothing orders.

### Identification Card

Each student enrolled in the School of Arts and Sciences, the Jepson School of Leadership Studies, and the undergraduate division of The Robins School of Business is issued a picture identification card. The card verifies that the holder is eligible to receive University library and certain other campus privileges and services, including food service for those who are so entitled. Neither the card nor its privileges may be transferred.

### Written Complaints and Grievances

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

Academically related concerns:

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

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

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

Housing Concerns:

Dean of Richmond College (Men) or  
Dean of Westhampton College (Women)

Financial Policy Concerns:

Vice President for Business and Finance

All other concerns:

Vice President for Student Affairs

## CONFIDENTIALITY

University of Richmond procedures and Family Educational Rights and Privacy Act of 1974 (P.L. 93-380) as amended, 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. The University of Richmond has designated the following items as directory information: student name; permanent, campus, local (off-campus), e-mail and campus computer network (IP) addresses, and associated telephone numbers; date and place of birth; major and/or minor fields of study; participation in officially recognized activities and sports; weight and height of members of athletic teams; dates of attendance; degrees and awards received; previous schools attended; and photographs. Further information on the University's policy is available on the Office of the University Registrar's Web page at [www.richmond.edu/academics/registrar/ferpa.html](http://www.richmond.edu/academics/registrar/ferpa.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 the University Registrar, completed and returned to that office. Once filed this form remains in effect until withdrawn in writing by the student to the Office of the University Registrar. For further information, contact the Office of the University Registrar phone: (804) 289-8639, e-mail: [registrar@richmond.edu](mailto:registrar@richmond.edu).

### RIGHTS WITH RESPECT TO EDUCATION RECORDS

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

- 1) The right to inspect and review their records within 45 days of the date the University receives a request for access.

Students should submit to the University Registrar a written request that identifies the record(s) they wish to inspect. The Registrar will make arrangements for access and notify the student of the time and place the records may be inspected.

- 2) The right to request the amendment of education records that the student believes are inaccurate or misleading.

Students may ask the University of Richmond to amend a record that they believe is inaccurate or misleading. They should write the University Registrar, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University of Richmond decides not to amend the record as requested by the student, the University will notify the student of the decision and advise him or her of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

- 3) The right to consent to disclosures of personally identifiable information contained in the 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 interests. A school official is defined as a person employed by the University in an administrative, supervisory, academic support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University of Richmond has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; 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.

- 4) 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 of Richmond's complete FERPA Policy Statement is available as part of the Office of the University Registrar's Web page at [www.richmond.edu/academics/registrar/ferpa.html](http://www.richmond.edu/academics/registrar/ferpa.html) or by contacting the Office of the University Registrar.

## ACADEMIC OPPORTUNITIES AND SUPPORT

### Academic Advising

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

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

Consistent with the University's belief that responsibility for one's actions reside with the individual, academic advisors are indeed resource persons. The final decisions and responsibility remain with the student.

### Academic Support Centers:

#### Academic Skills Center

The Academic Skills Center, located in the administrative wing in Boatwright Library, provides academic skills support to all students (i.e., undergraduate, graduate, etc.). Operating from a holistic vantage point, the Center incorporates counseling and study skills techniques which address the academic performance of students and their social adjustment to the University environment. The Center offers the Peer Academic Skills Tutoring (PAST) program staffed with tutors who are trained to simultaneously provide tutorial assistance in various subject areas and in study skills. The Academic Skills Center is open Monday through Friday.

#### Speech Center

Practice and preparation can make the difference between a satisfactory speech and a memorable one. Videotaping, review, and peer consultation are available at the Speech Center to assist students in the development of their oral presentations. Faculty and staff

rely on the Speech Center as well to prepare for workshops and to tape small group discussions for classroom purposes. The staff of the Career Development Center uses the Center's facility to simulate employment interviews at students' requests.

Faculty and trained undergraduate students conduct consultations at the Speech Center weekday afternoons and evenings and weekends by appointment. To reserve a practice time, students may come by the Speech Center, located on the first floor of the Webb Tower, adjacent to Booker Hall and Keller Road. The reservation board, located in the foyer, lists available appointment times, as well as numbers to call for special appointments. Individuals and groups should reserve a practice time two days in advance. To make the most of this opportunity, students should bring notes and a videotape for recording and review.

For additional information, visit the Speech Center's Web site at [www.richmond.edu/academics/support/speech/](http://www.richmond.edu/academics/support/speech/).

#### 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 resumés. Beginning about the third week of each semester, the Writing Center is open on a regular basis and staffed with student tutors. Students may contact the Writing Center by telephone to make an appointment or drop by to talk with a tutor or sign up for an appointment at a later time. 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 [www.richmond.edu/~writing](http://www.richmond.edu/~writing).

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

The WILL Program (Women Involved in Living and Learning), established in 1980, is a selective four-year program for undergraduate women. WILL's mission is to help women realize their full potential by providing a supportive and challenging environment. WILL aims to increase the self-esteem, self-confidence, and self-awareness of women as well as an awareness and acceptance of women different from themselves. Towards this end, WILL promotes critical thinking, intellectual curiosity, and active learning opportunities which empower women to be leaders during and beyond their university experience.

To meet these goals, WILL students complete a minor in Women's Studies, participate in an internship, attend and help plan pro-

grams (speakers, workshops, plays, musical performances, etc.) for the campus community on topics related to the unique and diverse experiences of women, and participate in the organization of WILL.

Examples of courses WILL students have historically been required to take include "Introduction to Women's Studies," "Introduction to Feminist Theories," a WILL internship, sophomore and senior WILL seminars, and women's studies electives.

WILL seeks members who demonstrate leadership potential and an interest in exploring women's studies. Applications are accepted from first-year women in October of each year. Subject to space availability, second year women may inquire about applications through October of their second year.

## INTERNATIONAL EDUCATION

In a world of wide-ranging and rapidly increasing contacts and interdependence among nations, states, and cultures, a well-prepared student is one who is able to function knowledgeably in an international and cross-cultural environment. To give students an opportunity to be well prepared, University of Richmond faculty stress cultural, political, economic, environmental, and social aspects of their disciplines which are international and intercultural. The University of Richmond believes that the preparation of students for their roles as active citizens and effective leaders of the next generation must include a strongly internationalized curriculum and international education opportunities on campus and abroad.

The Academic Programs sections following this chapter offer particulars about programs in the School of Arts and Sciences, The Robins School of Business, and the Jepson School of Leadership Studies.

The academic program of the School of Arts and Sciences provides opportunities for the study of international issues within academic fields which have long been associated with such issues, e.g., political science and

foreign languages and literatures. In addition, as a result of focused efforts to internationalize the whole curriculum, there is also a large and growing number of courses in nearly all other departments, such as art, English, history, philosophy, religion, and biology, which include international, often non-Western components. Students interested in the international field can major in one of the academic disciplines and in International Studies, an interdisciplinary and crosscultural program coordinated by Professor John Outland (See pages 97-104). The curricula of The Robins School of Business and the Jepson School of Leadership Studies include a number of courses which are international in scope. The Robins School of Business offers a concentration in International Business.

For a list of courses with significant international content, contact the Office of International Education.

International education is an important aspect of the total University of Richmond experience. The Office of International Education is charged with coordinating its elements, including advising students on study abroad opportunities and procedures and on

the Fulbright program, providing advising and services for international students, and sponsoring a wide range of international programs and visitors. The office, which serves all schools of the University, is located in the Administrative Wing of the Boatwright Library. It welcomes visits from students and prospective students interested in international issues and in contributing to the internationalization of the University.

### Campus Activities

The University of Richmond provides a wide range of on-campus activities and events in support of international education. Courses, lectures, and seminars are offered by resident and visiting international scholars, writers, artists, and critics. The annual International Film Series, exhibits, and concerts bring to the campus arts from around the world. Students are able to participate in such organizations as the Asian Students Association, Multicultural Student Union, International Club, Model United Nations, Phi Beta Delta, and Amnesty International. Familiarization with other countries and cultures is enhanced on campus through contacts with a significant and growing number of international students who are fully integrated into the life of the University. In addition to their active participation in classes and student life, advanced undergraduate students from various countries regularly conduct drill sessions in their native languages. Informal chats sponsored by the Global House and Department of Modern Languages and Literature help students develop a command of the languages they study.

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

The rapidly growing international student population has recently included representatives from Albania, Argentina, Australia, the

Bahamas, Bangladesh, Belgium, Brazil, Bulgaria, Cameroon, China, Colombia, Costa Rica, Ecuador, El Salvador, France, Georgia, Germany, Ghana, Great Britain, Haiti, Hong Kong, Iceland, India, Iran, Jamaica, Japan, Kazakhstan, Kenya, Korea, Kyrgyzstan, Malaysia, Mexico, Pakistan, Panama, Peru, Romania, Russia, Singapore, South Africa, Spain, Taiwan, Tanzania, Trinidad, Turkey, Uganda, Ukraine, Uruguay, Uzbekistan, Zambia and others, for a total of 67 countries.

### Study Abroad

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, not only of other people, but of themselves.

It is important to stress that study abroad is possible and encouraged for all students, regardless of their major and financial situation. Students who follow required procedures transfer up to 16 credits per semester of 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 such countries as Australia, New Zealand, the UK, South Africa, Ireland and others, and even in non-English speaking countries where English is widely used and courses in English are offered: Denmark, Holland, Hong Kong, Sweden, Austria, and Italy offer such opportunities. It is also possible to combine intensive study of a foreign language with courses taught in English. In special cases, a student may, for example, begin or continue the study of a foreign language while taking courses in various disciplines (history, sociol-

ogy, philosophy, business, etc.) in English.

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

The subjects students pursue abroad range from art to business to zoology. The countries they choose range from Great Britain to South Africa and Egypt, from Mexico to Italy and New Zealand. Living arrangements include dormitories with local students, home-stays and independent apartments. While study abroad has long been recognized as a significant component of a liberal arts education, today students majoring in the sciences, leadership studies, and in business are actively participating in study abroad in large and growing numbers.

Early planning is crucial to any successful study abroad experience. The selection of an appropriate program must take into account the student's academic and personal needs, the country and language in which he or she wishes to study, and a number of other factors. Students are encouraged to begin exploring the opportunities for foreign study as early as in the first year at the University, and to plan their University of Richmond courses accordingly.

There are a number of options in study abroad programs. During the academic year there are opportunities to study through the University's exchanges and programs in the following countries:

Argentina (Universidad Blas Pascal, Cordoba and Universidad Torcuato Di Tella, Buenos Aires);  
Australia (Curtin University, Perth; Macquarie University, Sydney; The University of Melbourne; University of Queensland, Brisbane);  
Austria (Vienna University of Economics and Business Administration);

Canada (McGill University);  
China (University of Hong Kong);  
Denmark (Copenhagen Business School and Denmark's International Study Program);  
England (Universities of Bath, Bristol, East Anglia, Lancaster and Warwick and Queen Mary-Westfield College, University of London);  
France (MICEFA - Universités de Paris, CIEE - Rennes, IFI - Rouen, ESSEC-EPSCI - Paris);  
Germany (University of Konstanz and University of Münster);  
Ireland (National University of Ireland, Galway, and University College, Dublin);  
Italy (Universita' Commerciale Luigi Bocconi, Milan, University of Ferrara, ICCS - Classical Studies in Rome, UGA - Cortona, Umbra Institute);  
Mexico (Instituto Tecnológico y de Estudios Superiores de Occidente, Guadalajara and ITESM);  
Netherlands (Erasmus University, Rotterdam, and Leiden University);  
New Zealand (University of Otago);  
N. Ireland (Ulster);  
Poland (Jagiellonian University and SGH - Warsaw);  
Russia (CIEE - St. Petersburg);  
Scotland (University of Edinburgh and University of St. Andrews);  
Spain (Universidad de Deusto, San Sebastián, Valencia and Universidad Antonio de Nebrija, Madrid);  
Sweden (Uppsala University);  
Taiwan (National Chengchi University);  
Thailand (CIEE);  
Turkey (Global Partners Program); and  
Vietnam (CIEE).

Additional study abroad programs are currently being developed in China, Japan, South Africa, Spain, Israel, Turkey, the Czech Republic and other countries.

During the summer, the University of Richmond sponsors a number of study abroad programs directed by Richmond faculty. Programs are offered regularly in Argentina, China, European Union, France, Germany, Greece, Japan, Italy, Ireland, London, Russia, and Spain. New programs are always being created. For more information, see [www.richmond.edu/academics/international](http://www.richmond.edu/academics/international).

The Office of International Education advises students on study abroad programs and procedures, and coordinates University-sponsored study abroad programs. Students should begin planning for foreign study by visiting the Office of International Education and by attending a weekly information session.

Students should be aware of the University of Richmond's policy on study abroad. The University recognizes the importance of providing students with opportunities to broaden their education through study abroad and encourages students to take advantage of worldwide opportunities for such study.

The continually growing number of options include:

- ~ enrollment in universities abroad with which the University of Richmond has affiliation agreements;
- ~ summer programs directed by Richmond faculty;
- ~ study through consortia and other approved programs with which the University of Richmond is affiliated; and
- ~ individually approved programs of sound academic quality which require that a petition be submitted to the Office of International Education.

The University of Richmond invests considerable resources to create study abroad programs consistent with the standards and educational objectives of this University and the needs of its students. Richmond students will be expected to enroll in these programs, unless they can successfully petition to attend a different program.

A successful petition will demonstrate the sound academic and cross-cultural quality of the alternate program and a compelling reason why no Richmond program can serve the student's academic needs. Decisions regarding petitions will be made by a subcommittee of the International Education Committee, in collaboration with the Office of International Education and the departments from which the student is seeking academic credit. Transfer credits for study abroad will be awarded only for preapproved programs.

After an appropriate study abroad program has been selected, each student is expected to follow procedures administered by the Office of International Education. Maintenance of status as a current student and credit transfer for study abroad can be assured only if the program and specific courses have been preapproved. Please see pages 39-40 for additional administrative information. For specific information on financial aid for study abroad see the Office of Financial Aid. Financial aid is fully transferable only to University of Richmond academic semester and year programs.

The International Resource Center, located in the Office of International Education, contains information on study abroad programs, scholarships, graduate study abroad, teaching, working, travel and volunteering abroad.

### ***International Student Advising***

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

## **ACADEMIC PROCEDURES**

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

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

### **Advanced Standing**

#### ***I. Credit By Examination***

The University of Richmond accepts several credit by examination options. A maximum of 30 semester hours of credit by examination may be applied to a University of Richmond degree. The following are guidelines for the most common examinations warranting credit. Specific details regarding each of these options and advanced standing examinations from French, German, Italian, Icelandic, and English-based educational systems can be found in the Credit-by-Exam policy. This policy is available from the Office of the University Registrar and the Office of Admission. Both offices will further serve students with international exams on a case-by-case basis.

#### ***A. Advanced Placement***

The University of Richmond participates in the Advanced Placement program of the College Board. Successful candidates for admission who have taken Advanced Placement examinations and have the official results sub-

mitted may be eligible for credit or an exemption. Students who have received appropriate scores on Advanced Placement examinations (as established by the departments concerned) may be exempt from communication skills requirements of the General Education Requirements, either with or without credit, depending on the scores achieved. Students who have received appropriate scores on Advanced Placement 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 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 for an acceptable performance on a College Level Examination Program (CLEP) examination recognized by the University academic department concerned. Generally a student may not attempt credit by examination for a course in which a failing grade was received, or for a basic course in an area in which acceptable college credit has been earned at a more advanced level. Students who have received appropriate scores on CLEP examinations (as established by the departments concerned) may receive course credit that satisfies fields-of-study requirements of the General Education Requirements, if the Richmond courses for which they will receive credit can be used by Richmond students to meet fields-of-study requirements. Specific allocations of CLEP credit for communication skills or fields-of-study requirements may vary from year to year. Current information is available from the Office of the University Registrar.

Arrangements to take CLEP examinations may be made with the College Board. Infor-

mation on current University policies relating to CLEP may be obtained from the Office of the University Registrar.

### C. Credit By Local Examination

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

### D. International Baccalaureate

The University of Richmond considers only Higher Level exams in the International Baccalaureate (IB) program eligible for credit. Generally, the University awards credit for scores of 5, 6, or 7 on a Higher Level examination 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.

## II. Credit for Veterans

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

1. A veteran who has served between six months and one year on active duty shall receive credit for two semester hours in Military Science.
2. A veteran who has served more than one year on active duty shall receive credit for four semester hours in Military Science.
3. A veteran may receive additional 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 in 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.

4. 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.

## III. Transfer Credit

Credit in transfer may be accepted only for courses which are comparable to courses offered in the 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. Coursework accepted in transfer shall be applied to specific degree requirements subject to the discretion of the academic department concerned. Hours awarded are added into hours required for graduation, but grades are not calculated in the grade point average.

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

No transfer credit shall be formally accepted or recorded until the University has received an official transcript directly from the records office of the institution which offered the coursework. If coursework is being transferred from more than one institution, an official transcript must be received from each institution. **Note:** For applicability of transfer work to general education requirements, see General Education Curriculum, pages 44-48.

## Registration Policies

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

### Registration

Students shall register by following the policies as stated on the Web site of the University Registrar ([www.richmond.edu/academics/registrar](http://www.richmond.edu/academics/registrar)).

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

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

### Prerequisites

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

### Limits of Work

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

No student may enroll for more than 19 hours nor fewer than 12 hours of work without the permission of the dean of his or her school. (Arts and Sciences – see Residential Dean; Business and Leadership Studies – see Academic Dean.) Enrollments in either category are subject to special charges as specified in the chapter entitled Financial Affairs. Students enrolled for fewer than 12 hours are classified as parttime and are not entitled to athletic ticket books or student publications. In addition, a student who wishes to register for 18-19 hours must have the permission of his or her advisor.

### Change of Registration

After the end of the first 10 days of classes, but before the end of the seventh week, students may withdraw from courses provided that they receive the permission of the appropriate course instructor and academic advisor. Students will be required to pay the fee for change in class and will receive an *M* if failing at the time of withdrawal, or a *W* if passing at the time of withdrawal. Ordinarily, a student may not withdraw from a course after the end of the seventh week of classes

except for medical reasons. The student's dean may, under special circumstances, make an exception to this policy.

### Auditing Courses

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

### Pass/Fail Option

*School of Arts and Sciences*  
*School of Leadership Studies* (excluding Leadership Studies courses)  
(Not available to business students.)

An Arts and Sciences or Leadership Studies student who has completed at least 61 semester hours of academic work may opt for one course per semester to be graded on a Pass/Fail basis. The course may only be used to count as total hours of credit toward a degree, and *cannot* be used to satisfy any general education requirement or any major or minor requirement. No School of Leadership Studies or 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:** The restrictions stated above do not apply to courses authorized to be graded only as Pass/Fail.

The level of performance necessary to earn a Pass in a student-opted Pass/Fail course is *D-* or better. A Pass grade will be recorded as *P* on the permanent record. The hours will be added into hours earned toward graduation.

tion and will not affect the grade point average. A Fail grade will be recorded as *F* on the permanent record. The hours will be added into GPA hours and will affect the grade point average.

To opt for Pass/Fail grading, a permission form must be obtained from and returned with appropriate signatures to the Office of the University Registrar by the end of the tenth day of classes. Once the form is submitted to the University Registrar, the decision may not be reversed.

### **Repeated Courses**

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

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

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

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

## **Course Administration**

### **Class Attendance**

Each student is expected to attend all meetings of all classes, including lectures, seminars, laboratories and drills, in which he or

she is 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. The specific attendance policy for each course will be announced to the students and distributed on the course syllabus at the beginning of the course.

Faculty members will honor an official notification from the appropriate dean that a student is to be excused for participation in a University-sponsored event, such as choral performances off campus, intercollegiate athletic events, or judicial hearings at which the student must be present.

A student generally will be held responsible for all work of a class or laboratory missed during an absence. Acceptance of any excuse for an absence, other than those excused by the appropriate dean in the previous paragraph, and any provision for make-up, will be at the discretion of the instructor provided it is consistent with the announced policy for the course and with the University Holiday Schedule below. Missed classes, work, tests and/or excessive absences with or without good cause may result in a poorer grade, or failure, in the course. (NOTE: Students enrolled in Business School or School of Continuing Studies courses must attend at least 75% of the class meetings regardless of the reasons for absence to be eligible to receive credit for the course.)

Generally, absences that may be excused by faculty members include accident or illness, death or serious illness of a family member, bona fide religious holiday observance, or participation in other University activities such as field trips. Students should make arrangements with their instructors as far in advance as possible for the make up of any missed work. Students experiencing difficulty in making reasonable arrangements for make-up work may see their dean.

### **University Holidays**

With the increasing diversity of the University community and the limited flexibility in setting the academic calendar, it is not possible to avoid some religious and secular holi-

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

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

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

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

**Students who wish to observe any such holidays must inform their instructors within the first two weeks of each semester of their intent to observe the holiday even when the exact date of the holiday will not be known until later, so that alternative arrangements convenient to both the student and instructor can be made at the earliest opportunity. Students who make such arrangements will not be required to attend classes or take examinations on the designated days, and fac-**

**ulty must provide reasonable opportunities for such students to make up missed work and examinations. To facilitate this, faculty will announce and distribute all anticipated test and examination dates on the course syllabus, distributed at the beginning of each semester. Students should be aware that faculty may need to adjust these dates as necessary.**

### **Examinations**

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

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

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

### **Evaluation**

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

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

If unusual circumstances appear to have existed which could have affected the evalu-

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

### Grading Policies

The level of student's performance in classwork and examinations is indicated by letters. *A* (*excellent*), *B* (good), *C* (average), and *D* (poor) indicate that the work has been passed. The foregoing grades may be accompanied by a plus (+) or minus (-) to indicate a relative position within the grade category. *P* shows credit has been earned in a Pass/Fail course, and *Z* shows that a course was audited. *S* and *U* indicate satisfactory or unsatisfactory performance in non-academic courses or in a Pass/No-credit course. *W* indicates that the student withdrew from a course with a passing average. Marks indicating failure and included as such in the grade point average are *F*, *M* (withdrew from a course with a failing average), and *V* (failure because of excessive absences). The *X* indicates that the grade is not available from the instructor.

*I* and *Y* mean that coursework has not been completed by the end of the term. The *I*, which provisionally counts as a failing grade, is given when the reasons for incomplete work are deemed unjustifiable by the instructor. The work is to be made up by the date the instructor specifies, but no later than 45 calendar days from the last class day of the term in which the *I* was given. If the work is not made up during the grace period, the *I* will be converted to *F*. The *Y*, which does not count as a failing grade, is given when the reasons for incomplete work are deemed justifiable by the instructor, or at the end of the first term of a course that continues into a succeeding term. There is no deadline for completion of the

work unless the instructor so specifies. In the case of an *I* or *Y*, once the make-up grade is received, it appears to the right of the incomplete grade on the permanent record. In all cases, it is the student's responsibility to make arrangements for and progress to the completion of an incomplete course.

### Credit and Grade Point Average

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

The grade point average is based on two factors:

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

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

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

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

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

### Academic Reports

Reports of the student's progress are prepared each term in the form of the permanent academic record. The information included is the record of the student's registra-

tion and grades, with such other information as may be deemed important. All courses taken at the University of Richmond become a part of the permanent academic record.

### Work Taken Elsewhere

This section pertains to students who wish to take academic work elsewhere while actively pursuing a degree at the University of Richmond. Only coursework taken at an institution accredited by a regional accrediting agency or the international equivalent at the time the work was taken, and a grade or equivalent of *C* (2.0) or better must have been earned. (Individuals admitted as transfer students, please see the Advanced Standing section on pp. 33-34.)

#### Study in the United States

The student is to obtain the approval of each department chair concerned and the appropriate dean 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 the special form for the purpose, and also will answer questions about the procedure.

#### School of Arts and Sciences

#### School of Leadership Studies

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

#### School of Business

The E. Claiborne Robins School of Business will approve for transfer credit those courses that meet the following criteria: The course is completed at an institution accredited by the American Assembly of Collegiate Schools of Business (AACSB); the student receives a final course grade of at least *C* as verified by an official transcript; the approval of the appropriate department chair and dean is obtained. Approvals should be obtained prior to taking the coursework elsewhere. Courses completed at nonaccredited institutions are generally 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 which they must follow. The procedures ensure that academic work abroad will qualify for transfer credits to the University of Richmond, and that the student will continue to be enrolled at the University while abroad. Further information about study abroad is presented in the chapter on International Education.

### Visiting Student Status

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

### Acceptance of Credit

#### Summer Study Abroad Programs

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

For academic record, degree progress, and grade point average purposes, coursework taken in these programs is treated as if the work were completed on campus. Currently there are 11 such University Study Abroad programs held in: Argentina, China, the European Union, France, Germany, Italy, London, Ireland, Greece, Japan, Spain, and Russia. All of the programs above are administered through the University of Richmond Summer School office.

#### Other Programs

Credit will be awarded for preapproved coursework in which a grade, or equivalent, of *C* (2.0) or better has been earned. Credit for *C* (2.0) coursework to be counted toward

the major is subject to approval by the academic department concerned. No credit will be awarded for work taken elsewhere until an acceptably complete official transcript in English is received by the University Registrar directly from the institution providing the instruction or the approved agency coordinating the instruction. Such credit is recorded as academic hours passed and is not computed in the student's grade point average.

**NOTE:** To determine whether a program is sponsored by the University of Richmond, a student should contact the Office of the University Registrar for programs in the United States, or the Office of International Education for programs abroad.

### Academic Standing

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

#### Class Standings of Students

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

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

#### Dean's List

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

#### School of Arts and Sciences

##### School of Business

##### School of Leadership Studies

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

### Academic Deficiencies

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

#### Academic Warning

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

#### Academic Probation

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

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

#### School of Arts and Sciences

##### School of Business

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

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

If at the end of the second consecutive semester\* of enrollment after being placed on academic probation, the student fails to meet the minimum standard based on hours then passed, the student shall be allowed to enroll for no more than 7 semester hours of academic work per regular semester or during the entire summer. Such a student has a maxi-

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

mum of 14 semester hours of work attempted in which to achieve the minimum requirement. Otherwise he or she will be suspended from the School of Arts and Sciences or School of Business.

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

#### School of Leadership Studies

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

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

### Readmission to the University

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

### Graduation

#### Qualifications

To graduate a student must meet certain qualifications.

#### Curriculum and Achievement

A candidate for the Bachelor of Arts, Bachelor of Science, or Bachelor of Science in Business Administration degree must complete 120 semester hours, plus the Wellness requirement. 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. All degree requirements must be satisfactorily completed.

#### 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.

##### School of Business and

##### 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 re-entrance.

#### Changes in Catalog Information

**Caution:** The course offerings and requirements of the University of Richmond are under continual examination and revision. This catalog is not a contract; it merely presents the offerings and requirements in effect at the time of publication and in no way guarantees that the offerings and requirements will not

change. The University specifically reserves the right to change requirements for any major, minor, and/or program, and to implement them during any particular year.

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

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

#### **Declaration of Majors/Minors**

All undergraduate degrees at the University of Richmond require satisfactory completion of one major. The Bachelor of Arts in Leadership Studies also requires completion of a minor or a leadership concentration. Multiple majors and/or minors also may be pursued, and upon completion will be recorded on the permanent academic record. With the exception of leadership studies, students have the option to declare a major as early as the end of the first year. They are encouraged to declare during the second year, and are expected to declare by the end of the second year.

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

#### **Work at the University**

A student must have completed at least 60 semester hours of acceptable course-work required for the degree in one or more of the

undergraduate schools of the University. The last 30 hours are expected to be included within the 60 hours.

#### *School of Business*

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

#### *School of Leadership Studies*

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

#### **Financial/Administrative Responsibilities**

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

#### **Degree Application**

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

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 in the respective deans' offices, the residential deans' offices, and in the Office of the University Registrar.

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

#### **Attendance At Commencement**

To graduate a student must comply with the graduation attendance policy. Degrees are awarded in person except by the decision of the University not to do so. A student who expects to graduate in the spring commencement may request absentia status by explaining in writing the very unusual circumstance which prevents participation in the ceremony.

This request must be received by the University Registrar no later than eight working days before the ceremony. The University Registrar will notify the degree candidate of the status granted by the University. Unless approved as absentia, 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 policy.

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

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

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

#### *School of Arts and Sciences and*

#### *School of Leadership Studies*

#### *School of Business*

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

#### **Graduate Study**

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

and graduate courses simultaneously, the undergraduate and graduate transcripts will be kept separately. Courses taken for graduate credit will not apply to the bachelor's degree. The student will register as an undergraduate and pay the undergraduate tuition rate until the bachelor's degree is completed.

#### **Second Undergraduate Degree**

A student may earn more than one undergraduate degree either consecutively or concurrently in relation to another undergraduate degree provided the degrees are not alike, e.g., not two B.A.s or two B.S.s.

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

#### **Consecutive Bachelor's Degree**

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

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

To earn a consecutive bachelor's degree, a student must achieve at least a 2.00 grade point average on a minimum of 30 additional semester hours of resident academic coursework selected from the catalog of courses. Courses

in which a student-opted Pass is earned shall not count in the 30 hours. In addition, general education requirements appropriate to the degree being sought, as well as requirements for the major, must be met satisfactorily. Work taken for the preceding degree may be considered as transfer credit for the purpose of meeting these requirements; however, at least half of the major must be taken at the University of Richmond, and all other degree requirements must be met as outlined on page 41 under Graduation, including the 60-hour residency requirement.

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

#### **Concurrent Bachelor's Degree**

A concurrent bachelor's degree is one which is pursued at the same time as another bachelor's degree.

A student who wishes to pursue a bachelor's degree concurrently shall notify the dean of his or her school promptly after the decision is reached. (Arts and Sciences students should contact the dean of the appropriate residential college.) A student in the

School of Business or the School of Leadership Studies who desires a second undergraduate degree in the arts and sciences must receive the approval of the dean of the appropriate residential college as well as the sanction of the dean of their home school. Even when approved for the second degree, such student remains a member of their home school for academic, administrative, and extracurricular purposes.

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

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

Latin honors, if earned, will be shown on both degrees.

## GENERAL EDUCATION CURRICULUM AT THE UNIVERSITY OF RICHMOND

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

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

- ~ to provide a stimulating and challenging introduction to collegiate life through a First-Year Core Course;
- ~ to establish the basic prerequisites of productive scholarship through a set of Communication Skills requirements;
- ~ to familiarize students in a meaningful way with some of the major approaches to intellectual and cultural life through a series of Fields-of-Study requirements.

This curriculum is offered by a faculty that sees general education as fundamental to its mission. Through its various general educa-

tion 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 co-curricular and extra-curricular learning experiences, University of Richmond students are expected to develop their ability to think critically and independently, to learn to tolerate ambiguity where true ambiguity exists, and to grow in their respect for—and their ability to deal with—the kinds of multiplicity that characterize our complex world. The common goal of the University's faculty is the education of independent, responsible, and contributing members of society.

#### **I. First-Year Core Course (CORE)**

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

#### **II. Communication Skills**

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

#### **Expository Writing (COM1)**

As regards expository writing, or basic composition, the faculty assumes that all entering students have a certain level of technical competence, but scholarly work at the collegiate level demands that a student's writing be not only technically correct but also purposeful and effective. For this reason, the basic course that satisfies this requirement—English 103—is essentially a course in critical thinking, in which writing skills are developed as a tool for thought and communication. Although some students are exempted from this course on the basis of certain test scores, the majority of incoming students still satisfy this requirement through taking and passing English 103. In addition to this course, the faculty has begun to implement a writing program that will help to enhance the expository writing skills of many University students beyond the minimum level set by this requirement.

#### **Oral Communication**

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

**Foreign Language (COM2)**

Foreign 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 foreign 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 foreign language or in reading and writing in a classical language. These abilities are appraised either at entrance or through introductory and intermediate courses.

**III. Fields of Study**

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

**Historical Studies (FSHT)**

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

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

**Literary Studies (FSLT)**

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

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

**Natural Science (FSNB, FSNC, FSNP)**

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

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

**Social Analysis (FSSA)**

Social analysis is the systematic study of individual and social human behavior. This field of study involves a systematic theoretical and empirical examination of the patterns of human behavior within or across various societies and cultures.

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

**Symbolic Reasoning (FSSR)**

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

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

**Visual and Performing Arts (FSVP)**

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

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

**Conclusion**

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

the many complex and serious ways in which these issues touch their lives and the lives of others.

**Note:** Courses meeting general education requirements are denoted with the appropriate code following the course description in this catalog, as well as in the Schedule of Classes, published each semester. The codes are as follows:

- COM1 - Communication Skills - Expository Writing
- COM2 - Communication Skills - Foreign Language
- CORE - First-Year Core Course
- FSHT - Field of Study: Historical Studies
- FSLT - Field of Study: Literary Studies
- FSNB - Field of Study: Natural Science, Biological Sciences
- FSNC - Field of Study: Natural Science, Chemistry
- FSNP - Field of Study: Natural Science, Physics
- FSSA - Field of Study: Social Analysis
- FSSR - Field of Study: Symbolic Reasoning
- FSVP - Field of Study: Visual and Performing Arts

**SUMMARY OF DEGREE REQUIREMENTS**

**I. General Education Requirements<sup>a</sup>**

	<b>Type of Requirement</b>	<b>Credits</b>
First-Year Core Course	Core Course	6 credits
Communication Skills	Expository writing	3 credits <sup>b</sup>
	Foreign language	up to 16 credits <sup>b</sup>
	Oral communication	non-credit <sup>c</sup>
Fields of Study	Historical studies	3 credits
	Literary studies	3 credits
	Natural science	4 credits
	Social analysis	3 credits
	Symbolic reasoning	3 credits
	Visual and performing arts	3 credits

**Total:** up to 44 credits

<sup>a</sup> University Scholars are exempt from all general education requirements except the First-Year Core Course. Ethyl and Oldham Scholars are exempt from the Communications Skills requirements only.

<sup>b</sup> May be satisfied by a demonstration of proficiency upon entrance to the University without carrying credit (language courses carry variable credit).

<sup>c</sup> Described in preceding pages.

**II. Wellness Requirement**

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

- URAWARE (WELL 085) non-credit
- Plus2 (WELL 090, two topics of choice) non-credit

**III. Completion of a Major**

All undergraduate degrees at the University of Richmond require satisfactory completion of one major. The Bachelor of Arts in Leadership Studies also requires completion of a minor or a leadership concentration. Multiple majors and/or minors also may be pursued, and upon completion will be recorded on the permanent academic record.

The major is a field of academic study chosen as an area of specialization. A major may be in a subject area and will include courses in that subject area, such other courses outside the subject areas as may be designated, and any courses prerequisite to those required courses, or may be part of an interdisciplinary program and will include courses from a number of different subject areas and any courses prerequisite to those required courses. Majors require between 30 and 64 total hours, counting all courses both inside and outside the subject area, including all prerequisites for those courses. (See catalog for specific major or minor requirements.)

Major Requirements 30 - 64 credits

**IV. Curriculum and Achievement**

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

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

**V. Additional Degree Requirements**

Sixty-hour residency requirement

Application for degree and attendance at Commencement

Completion of financial and administrative obligations

## ACADEMIC PROGRAMS

## SCHOOL OF ARTS AND SCIENCES

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

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

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

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

By graduation, Arts and Sciences students are well prepared for employment in the busi-

ness, service, or nonprofit sectors and for further study in graduate or professional schools. Contrary to popular belief, Arts and Sciences students do well in the job market, both in getting initial employment and throughout their careers. 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, 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.

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

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

- ~ 24 semester hours - Courses not in the School of Arts and Sciences curriculum and not comparable in intent and/or subject matter to such courses;
- ~ 12 semester hours - Internship courses of whatever kind, excluding student teaching and Theatre 330-341, Practicum;
- ~ 6 semester hours - Internship 388 taken in the same academic department.

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

See also the previous section entitled "Repeated Courses."

**Bachelor of Arts****I. General Education Requirements**

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

**A. First-Year Core Course**

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

**B. Communication Skills I - English 103**

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

- (1) Passing English 101-102 (no longer offered at the University of Richmond), completing English 103 with a grade of C (2.0) or higher, or presenting a score of 5 or 4 on either Advanced Placement exam in English, or presenting a score of 5, 6, or 7 on the IB Higher Level English exam
- (2) Presenting a score on the SAT-II Subject Test - Writing/English Composition or the ACT acceptable to the Department of English

*Only alternative (1) carries semester hours credit toward a degree.*

**C. Communication Skills II - Foreign Language**

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

- (1) Passing the intermediate (122 or 202) level of one language, presenting a score of 5 or 4 on a Modern Foreign Language or Latin Advanced Placement test, or presenting a score of 5, 6, or 7 on an IB High Level exam in a Modern Foreign Language

- (2) Presenting a score on the SAT-II Subject Test acceptable to the language faculty concerned, or a score of 3 on a Modern Foreign Language Advanced Placement test
- (3) Making an acceptable score on a departmental placement test
- (4) For non-native English speakers, obtaining an acceptable score on the TOEFL

*Only alternative (1) carries semester hours credit toward a degree.*

**D. Fields of Study**

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

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

*Summary of General Education Requirements***First-Year**

Core Course, 6 credits

**Communication Skills**

Expository Writing, 3 credits  
Foreign Language, up to 16 credits<sup>a</sup>  
Oral Communication

\*University Scholars are not required to satisfy the General Education Requirements, except the First-Year Core Course, CORE 101-102, nor is any major or minor required for their graduation. If a University Scholar declares a major or program, however, that student must satisfy whatever requirements are stated.

<sup>a</sup>Oldham and Ethyl Scholars are exempt from the Communication Skills requirements only, but must satisfy the First-Year Core Course, the Health and Physical Activity, and all Fields-of-Study requirements of the General Education Requirements.

**Fields of Study**

Historical Studies, *3 credits*  
 Literary Studies, *3 credits*  
 Natural Science, *4 credits*  
 Social Analysis, *3 credits*  
 Symbolic Reasoning, *3 credits*  
 Visual and Performing Arts, *3 credits*

**Total:** up to 44 credits

<sup>a</sup> Variable credits; may be satisfied by a demonstration of proficiency upon entrance to the University.

**II. Wellness Requirement**

A student may satisfy this degree requirement by satisfactorily completing Wellness 085, URAWARE: Alcohol Awareness Program, and two sections of Wellness 090, PLUS2: Wellness Topics. The URAWARE requirement is normally met in the first year of university study.

**III. Requirements for the Major**

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

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

English 103, the Wellness requirements, and basic modern foreign language courses through the intermediate level will not be counted toward the major. Classical languages are exempt from this exclusion.

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

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

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

**Bachelor of Science****I. General Education Requirements**

The requirements are the same as for the B.A. degree except proficiency in calculus must also be demonstrated by passing Mathematics 212 or completing the Advanced Placement Test with an acceptable score.

**II. Wellness Requirement**

A student may satisfy this degree requirement by satisfactorily completing Wellness 085, URAWARE: Alcohol Awareness Program, and two sections of Wellness 090, PLUS2: Wellness Topics. The URAWARE requirement is normally met in the first year of university study.

**III. Requirements for the Major**

The provisions listed under the B.A. degree apply. The B.S. degree is offered only in biochemistry, biology, chemistry, computer science, environmental studies, interdisciplinary studies, mathematics, physics and psychology. For differences in the major requirements for the degrees, consult the appropriate departmental description under "Curricula."

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

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

**Degree Credit for Professional Studies**

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

- (1) At the end of the second year, the student must have completed at least 60 semester hours of academic work with at least 180 grade points;
- (2) Before registering for the third year in the School of Arts and Sciences, the student's course of study must be approved by the dean of the student's school, (Dean of Richmond College for men, and Dean of Westhampton College for women);
- (3) At the end of the third year the student must have completed at least 100 semester hours of academic work with at least 300 grade points;
- (4) During the first year in a professional school, the student must make satisfactory

progress toward achieving the professional degree as certified by the professional school.

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

**Dual-Degree Engineering Programs**

In cooperation with selected engineering schools, the University offers the opportunity for students interested in engineering careers to earn two bachelor's degrees in five years—one from the University of Richmond and another from a cooperating engineering school. In the 3-2 Engineering Program a student spends three years at Richmond, completing all of the general education requirements, almost all of the requirements for a major in physics, plus selected other courses. The student spends the remaining two years at the engineering school. The School of Engineering and Applied Science at George Washington University is a participant. A number of additional schools of engineering are developing agreements with Richmond prior to the 2002-03 academic year. The Physics Department's pre-engineering advisor can provide information about participating programs and requirements.

**Special Program Opportunities****Creative Writing Program**

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

\*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" on pages 43-44.

**Honors Program**

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

**Language Across the Curriculum (LAC)**

The Language Across the Curriculum program allows students to use their foreign 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 Robins School of Business are offered in conjunction with a Language Across the Curriculum component, an optional fourth hour of work in a foreign language associated with a regular class. The LAC component is worth one credit and is graded as pass/fail. To find a LAC section, look for courses marked "LAC credit available" or go directly to each semester's listings under Interdisciplinary Studies (IDST). The following departments have recently offered courses with LAC sections: English, History, Leadership Studies, Modern Languages and Literature, Music and Philosophy. More LAC sections are being developed in other departments. For further information, contact LAC Program Coordinator Yvonne Howell (MLL).

**Interdisciplinary Programs:****Self-Designed Interdisciplinary Studies Major**

Under the general supervision of two faculty advisors and the Coordinator of Interdisciplinary Studies, a self-designed interdisciplinary major is offered. The interdisciplinary

major provides a student the opportunity to propose and pursue, with faculty supervision, a unique program of study leading to either a Bachelor of Arts or a Bachelor of Science degree with a major in Interdisciplinary Studies. A senior thesis, which is the culmination of the major and for which the student receives three credit hours, is required.

Applications and further information are available from the Coordinator of Interdisciplinary Studies or from the Dean of the School of Arts and Sciences whose office is in the Administrative Wing of Boatwright Library. Applications are to be submitted to the Coordinator of Interdisciplinary Studies by April 1 of the second year. At least a 3.00 cumulative grade point average is recommended.

**Interdisciplinary Majors**

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

**International Studies Major**

International Studies is a cross-cultural, interdisciplinary major composed of seven areas of concentration, of which the student selects one. The concentrations are Africa, Asia, International Economics, Latin America, Modern Europe, World Politics and Diplomacy, and Russian and Eastern European Studies. Further information is available from the Office of International Education in the Administrative Wing of Boatwright Library.

**Interdisciplinary Concentrations**

The School of Arts and Sciences offers a series of curricular configurations known as "interdisciplinary concentrations *within* disciplinary majors." 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 Technology (for Studio Art, Music or Theatre majors), Comparative Literature (for English majors), Dramatic Studies (for English or Theatre majors), Fine Arts Management (for Studio Art, Art History, Music or Theatre majors), Medieval and Renaissance Studies (for English majors) and Neuroscience (for Biology or Psychology majors). An interdisciplinary concentration within a disciplinary major toward a B.A. degree will require no more than 72 total hours, counting all courses and including all prerequisites for those courses. An interdisciplinary concentration within a disciplinary major toward a B.S. degree will require no more than 75 total hours, counting all courses and including all prerequisites for those courses and Calculus II. For specific descriptions and requirements, refer to pages 150-153.

**Internship Program**

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

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

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

**Visiting Away Programs**

Students who wish to study away from the University of Richmond for a semester or year and maintain active status must participate in a program that has been approved for "visit-

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

Enrollment in "OF" or "AB" status entitles the student to remain as an active UR 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 UR students during the semester(s) away.

Credits from Visiting Away programs will be treated as transfer credits, requiring advance transfer approval and affecting hours toward graduation. The credits are not calculated in the GPA and require a "C" or better to transfer. Credits are applied to the student's record only upon receipt of an official transcript from the sponsoring institution. Exceptions to this would be programs in which the decision is

made to partner with the sponsoring institution, in which case the courses would be listed as UR courses on the transcript and the grades treated as having been earned at Richmond. Approval for such programs would be submitted through the same channels as outlined above.

### **Marine Studies**

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

### **Master's Degree, Early Beginning**

University of Richmond students who are near completion of the undergraduate degree may begin study in a Master's Degree program in the University's Graduate School of Arts and Sciences. Please see page 43 for further details.

### **Minor Option**

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

### **Research Grants for Undergraduates**

Each year the School of Arts and Sciences offers its students unusual opportunities for research projects. Grants are awarded by the Undergraduate Research Committee to support re-

search projects in a variety of ways such as purchase of materials and equipment, travel or other such expenses, and presenting or publishing the results of the research. The grant may be awarded for a project which is the student's own idea or an idea which 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 co-author 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.

### **Undergraduate Work Taken After Graduation**

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

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

## CURRICULA

### SCHOOL OF ARTS AND SCIENCES

This chapter presents departmental majors and minors, and the courses, with their descriptions, offered by each department. In a course description, where the course numbers for a two-semester course are separated by a hyphen, either half of the course may be taken independently for credit, and in any order unless a prerequisite is stated.

**Note:** Undergraduate courses at the University of Richmond long were numbered in the range 0-399, with 300 level being the most advanced. Beginning with the 1990 fall term, undergraduate course numbers may extend through the 400 level; however, not all departments have renumbered their courses. Therefore, it should not necessarily be concluded that a department with 400-level courses has more advanced offerings than a department having only 300-level courses as its highest.

### **Individual Internship**

Any academic department may offer an individual internship under the following general description.

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

### **First-Year Core Course (CORE)**

*Joan Bak, Coordinator (History)*

This course provides an intensive introduction to critical analysis at the college level for first-year students. Students examine important primary texts from a number of world cultures and historical periods. The course's primary concern is to develop students' ability to analyze texts and to express their ideas about these texts and about the issues they raise. The course is required of all first-year students.

**101-102 Exploring Human Experience.** Intensive reading and analysis of important primary texts dealing with basic issues of human existence. Strong emphasis on discussion and writing. To be taken in consecutive semesters during the first year. *3-3 sem. hrs.*

### **American Studies (AMST)**

*Coordinator: Edward Larkin, English*

*Affiliated Faculty:*

*Thomas Allen, English*

*Matthew Basso, History*

*H.B. Cavalcanti, Sociology*

*Akiba Covitz, Political Science*

*Abigail Cheever, English*

*Margaret Denton, Art and Art History*

*Jennifer Erkulwater, Political Science*

*Regine Jackson, Sociology*

*Avis Jones-Deweever, Political Science*

*David Leary, University Professor*

*Robert Kenzer, History*

*Robert Nelson, English*

*Michael Wolf, School of Law*

*Douglas Wimiarski, Religion*

*Thomas Wren, Leadership*

### **The American Studies Major**

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

The major is divided into three major areas: American Identities, Culture and Representation, and Politics and Beliefs. In addition to the introduction to the major and the capstone seminar, majors take three American Studies seminars, one from each of the three areas, and four other courses that must be from at least two of the three areas and from two different departments. We have coded our seminars and qualifying courses from other departments into these loosely defined areas.

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

American Studies 201	4 hours
Three American Studies seminars	9-12 hours
One from each area:	

American Identities  
Culture and Representation  
Politics and Beliefs

Four courses	12-16 hours (depends on depts.)
These must be taken in at least two areas and from two different departments (two of these must be at the 300 level)	

Either American Studies 400 (capstone seminar) or 401 (thesis)	4 hours
---	---------

**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).

## American Studies Courses (AMST)

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

**304 Early American Women.** (See History 304.) Fulfills American Identities seminar requirement. *4 sem. hrs.*

**307 American Society and Culture 1920-1950: Jazz Babies, Bread Lines, and Riveting Rosies.** (See History 307.) Fulfills American Identities or Culture and Representation seminar requirement. *4 sem. hrs.*

**313 History and Culture of the U.S. West: Exploring the Myth and the Realities.** (See History 313.) *4 sem. hrs.*

**315 Civil War in Film and Literature.** Compares how the Civil War has been examined by historians to its portrayal in documentary, feature film, and literature. Fulfills Culture and Representation seminar requirement. *4 sem. hrs.*

**321 American Immigration and Ethnicity.** Examination, through historical and literary materials, of challenges confronting and posed by waves of immigrants who shaped American civilization. *Prerequisite:*

American Studies 201, or at least junior status, or permission of instructor. *3 sem. hrs.*

**322 Jews in the American Mind.** Interdisciplinary exploration of image of Jews in several spheres of American culture, chiefly letters, higher education, performing arts, and law. *Prerequisite:* American Studies 201, or at least junior status, or permission of instructor. *3 sem. hrs.*

**323 Psychology in American Society and Culture.** (See Psychology 437; Same as History 323.) Fulfills Culture and Representation Seminar requirement. *4 sem. hrs.*

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

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

**375 Cults, Communes, & Utopias in Early America.** (See Religion 375.) Fulfills Politics and Beliefs seminar requirement. *3 sem. hrs.*

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

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

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

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

*See the departmental listings for descriptions of the following courses.*

## Area A: American Identities

### Anthropology (ANTH)

307 Native American Heritage

### English (ENG)

205 Latino/a Literature and Film

231 African-American Literature

233 Tradition and Renewal in Native American Literatures

334 American Indian Literatures

355 Race and Ethnicity in American Literature

358 African-American Women Writers

### History (HIST)

206 The United States since 1877

220 American Women from the Colonial Period to the Present

304 Early American Women

306 Late Nineteenth-Century America

321 American Immigration and Ethnicity

322 Jews in the American Mind

### Religion (RELG)

254 Contemporary American Religion and Spirituality

257 Native American Religions

357 Religion in Early America

359 American Judaism

### Sociology (SOC)

316 Race and Ethnicity in America

323 The Black Community in Urban America

325 Self and Society

330 Work and Society

331 Issues in Ethnic Studies

332 Selected Topics in Ethnic Studies

### Women's Studies (WMST)

303 Women in Television: Representations, Images, and Stereotypes

## Area B: Culture and Representation

### Art (ART)

213 Art of the United States

218 Twentieth-Century Art

320 Seminar in Contemporary Art

322 Seminar in Museum Studies

### English (ENG)

205 Latino/a Literature and Film

206 Selected Readings in American Literature

207 Revolutionary American Literature

208 Twentieth-Century American Fiction

231 African-American Literature

233 Tradition and Renewal in Native American Literatures

238 Selected Readings in Caribbean Literature

321 Early American Literature

322 Literature of the American Revolution

325 Age of the American Renaissance

326 From Revolution to Romanticism: American Fiction through 1860

330 Special Topics in American Literature before 1860

332 Literatures of the Caribbean

334 American Indian Literatures

353 American Realism and Regionalism

354 Literature of the American South

355 Race and Ethnicity in American Literature

356 Twentieth-Century American Poetry

357 From Modernism to Postmodernism: Twentieth-Century American Fiction

358 African-American Women Writers

359 Contemporary American Literature

360 Studies in the American Novel

369 American Culture/American Film

### History (HIST)

307 American Society and Culture, 1920-1950: Jazz Babies, Breadlines, and Riveting Rosies

313 History and Culture of the U.S. West: Myths and Realities

315 The Civil War in Film and Literature

### Journalism (JOUR)

200 News Media and Society

302 Public Affairs Reporting

303 Journalism Ethics, Law

### Music (MUS)

115 All That Jazz

118 The Life and Music of Duke Ellington

120 The Music and Poetry of Jazz

121 Music in Film

122 Music of Our Time

### Women's Studies (WMST)

303 Women in Television: Representations, Images, and Stereotypes

## Area C: Politics and Beliefs

### History (HIST)

205 The United States to 1877

206 The United States since 1877

302 Colonial America

303 The American Revolution

305 The Civil War and Reconstruction

- 306 Late Nineteenth-Century America  
 317 The Old South  
 327 American Diplomatic History since 1945  
 396 The Vietnam Conflict

**Journalism (JOUR)**

- 200 News Media and Society  
 302 Public Affairs Reporting  
 303 Journalism Ethics, Law

**Political Science (PLSC)**

- 220 Introduction to American Government  
 260 Introduction to Public Policy  
 304 Virginia Government and Politics  
 315 American Political Theory  
 321 Women and Power in American Politics  
 322 Public Opinion and Public Policy  
 325 Minority Politics  
 326 Legislative Process  
 327 The American Presidency  
 328 American National Government  
 329 Campaigns and Elections  
 331 Constitutional Law  
 333 Civil Rights/Liberties  
 336 American Constitutional History  
 337 The American Legal System  
 350 American Foreign Policy

**Sociology (SOC)**

- 101 Introduction to Sociology  
 303 Sociology of Families  
 309 Social Problems  
 310 Criminology  
 311 Juvenile Delinquency  
 318 Social Stratification  
 320 Religion and Society  
 324 Law and Society  
 328 Social Gerontology  
 329 Education and Society  
 342 Dying, Death, and Grief

**Religion (RELG)**

- 254 Contemporary American Religion and Spirituality  
 257 Native American Religions  
 265 Religion and Moral Decisions  
 266 Television: Ethics for Hire?  
 357 Religion in Early America  
 358 Topics in American Religious Traditions  
 359 American Judaism  
 369 Problems in Social Ethics

**Anthropology (ANTH)**

(See Sociology and Anthropology)

**Art (ARTS) and Art History (ART)**

*Charles Johnson, Chair*

*Professors Addiss, Johnson*

*Associate Professors Denton, Rhodes, Softić*

*Assistant Professors Pevny, Sjøvold*

*Executive Director of the University Museums Waller*

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

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

**The Art History Major**

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

Forty-two to 46 semester hours selected from the courses below distributed as follows:

- A. Art History Surveys 9-10 semester hours**  
 ART 121 Art History: Prehistory through the Middle Ages, 3  
 ART 122 Art History: Renaissance to the Present, 3  
 Course in non-Western Art History, 3-4
- B. Art History Courses 12-13 semester hours**  
 Four courses selected from:  
 ART 213 Art of the United States, 3  
 ART 214 Northern Renaissance Art, 3  
 ART 215 Art of the Renaissance, 3  
 ART 216 Mannerism and the Baroque, 3

- ART 217 Nineteenth-Century Art, 3  
 ART 218 Twentieth-Century Art, 3  
 ART 278 or 279 Selected Topics (variable credit), 3-4 (only one course will count toward the major)

- C. Studio Art Courses (ARTS) 7-8 semester hours**  
 ARTS 211 Materials and Techniques, and one other studio course
- D. Seminar in Art History 3-4 semester hours**  
 One course selected from:  
 ART 319 Advanced Seminar, 4  
 ART 320 Seminar in Contemporary Art, 3  
 ART 322 Seminar in Museum Studies, 3  
 ART 380 Seminar in Japanese Art, 3
- E. Related field course 3 semester hours**  
 ART 281 Philosophy of Art, 3  
 or another course in aesthetics
- F. ART 365 Art Theories and Methodologies 4 semester hours**
- G. ART 466 Thesis: Research Project 4 semester hours**  
 (Students prepare their bibliography and thesis proposal to present to the art faculty at the end of the fall semester; thesis is completed during the spring semester.)

Majors are expected to take Art 121-122 before enrolling in 200-level Art History courses. Independent studies cannot be substituted for required courses in the art history major.

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

- A semester of international studies through a program approved by the department and the Dean of International Education, in which case one course could apply toward the major, with departmental approval.
- One course from the following:  
 ART 301/CLSC 301  
 Greek Art and Archaeology, 3  
 ART 302/CLSC 302  
 Roman Art and Archaeology, 3

**Honors Program in Art History**

Majors are encouraged to apply for and pursue the honors program in Art History. To earn honors in Art History, a student must complete at least 13 hours of honors credit with distinction through a combination of upper-level courses including Art 365-466; the program must be planned in consultation with the student's ma-

ior advisor and the department. Honors students must also maintain an overall GPA of no less than 3.30 while in the program.

Interdisciplinary Concentration in Arts Management for Studio Art, Art History, Music, Theatre, and Dance Majors or Minors. See page 150.

**The Art History Minor**

Eighteen semester hours approved by the department, including six semester hours in Art History 121-122; three semester hours from a studio course; nine semester hours from three elective art history courses of which six semester hours must be at the 200-level.

**Art History Courses (ART)**

**121 Art History: Prehistory through the Middle Ages.** Survey of Western Art, with some attention given to non-Western Art, from prehistoric times through the Middle Ages. Intended as introductory course for general student as well as art majors and minors. 121 and 122 may be taken independently and in any sequence. *3 sem. hrs.*

**122 Art History: Renaissance to the present.** Historical and analytical study of representative major works of art from Renaissance to the present for general student and art major. *3 sem. hrs.* (FSVP)

**213 Art of the United States.** Art and architecture from 1800 to 1900. Examined in relation to cultural, political and social contexts of nineteenth-century America. *3 sem. hrs.*

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

**215 Art of the Renaissance.** Major developments in Italian art from early 13th century through High Renaissance in early 16th century. *3 sem. hrs.*

**216 Mannerism and the Baroque.** Major developments in European art of 16th and 17th centuries. *3 sem. hrs.*

**217 Nineteenth-Century Art.** Major art trends during nineteenth century in Europe. Special attention given to representation of women in art and women artists. *3 sem. hrs.*

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

**223 Studies in the History of Photography.** Combines study of the photograph and its interpretation with consideration of technical developments. *3 sem. hrs.*

**224 Art and the Human Spirit.** Exploration of significant periods of world art, stressing non-Western

traditions in relation to poetry, music, religion, philosophy, and cultural history. *4 sem. hrs.* (FSVP)

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

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

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

**281 Philosophy of Art.** (See Philosophy 281.) *3 sem. hrs.*

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

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

**301 Greek Art and Archaeology.** (See Classics 301.) *3 sem. hrs.* (FSVP)

**302 Roman Art and Archaeology.** (See Classics 302.) *3 sem. hrs.* (FSVP)

**303 The Aegean Bronze Age.** (See Classics 303.) *3 sem. hrs.*

**319 Advanced Seminar.** Highly focused in-depth studies on topics of Art History related to departmental course offerings. Topics to be chosen by instructor. Representative topics: Poetry and Sculpture of Michelangelo, French Eighteenth-Century Tomb Architecture, Hieronymus Bosch, and Picasso. *Prerequisite:* 200-level Art History course in the area of the Seminar or permission of instructor. *4 sem. hrs.*

**320 Seminar in Contemporary Art.** Major developments in international contemporary art from 1970 to present, with emphasis on current trends. *Prerequisites:* Art History 121, 122, and 218, or permission of instructor. *3 sem. hrs.*

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

**330 An Era of Spectacle: Music and Art in the Baroque Period.** Explores music and art of the Baroque

period. Also looks at aspects of role of artist/musician as well as role of art and music in Baroque society. (Same as Music 330.) *3 sem. hrs.*

**345 Philanthropy in the Arts.** (See Music 345; Same as Theatre 345.) *3 sem. hrs.*

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

**370 History and Aesthetics of Film.** (See English 370.) *3 sem. hrs.*

**380 Seminar in Japanese Art.** Topics stated for term. May be repeated for credit when topic varies. *Prerequisite:* Art 226. *3 sem. hrs.*

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

**395-396 Independent Study.** Individually designed program under faculty supervision. *Prerequisite:* Permission of department. *1-3/1-3 sem. hrs.*

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

### The Studio Art Major

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

Forty-two to forty-six semester hours composed of the following courses:

- |   |                             |
|---|-----------------------------|
| <b>A. Foundation Courses</b>  | <b>9 semester hours</b>     |
| ARTS 101 Foundation Drawing, 3  |                             |
| ARTS 102 Foundation Design, 3   |                             |
| ARTS 103 Foundation Sculpture, 3  |                             |
| <b>B. Art History Courses</b>   | <b>10 semester hours</b>    |
| Art 121 Art History: Prehistory through the Middle Ages, 3  |                             |
| Art 122 Art History: Renaissance to the present, 3  |                             |
| Art 365 Art Theories and Methodologies, 4 (before the senior year)  |                             |
| <b>C. Five studio classes from second and third level (at least one Advanced Studio class must be taken before the senior year—exception only with departmental approval)</b> | <b>13-17 semester hours</b> |
| <b>D. ARTS 465, Thesis Development</b>  | <b>4 semester hours</b>     |
| <b>E. ARTS 466, Honors Thesis Exhibition</b>  | <b>4 semester hours</b>     |

Students who pass the qualifying exam at midterm take ARTS 466, Honors Thesis Exhibition. Others take ARTS 350, Advanced Studio.

A student seeking teaching licensure may substitute ARTS 350, Advanced Studio, or an independent study, as approved by department, for Studio Art 465.

### Honors Program in Studio Art

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

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

See pages 150-151.

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

See page 150.

### The Studio Art Minor

Eighteen to 20 semester hours approved by the department, including one foundation class (ARTS 101, Foundation Drawing or ARTS 102, Foundation Design) and ARTS 103, Foundation Sculpture (6 credit hours); one art history survey (ART 121 or 122) (3 credit hours); three studio art courses (9-12 credit hours).

### Studio Art Courses (ARTS)

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

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

**103 Foundation Sculpture.** Basic introduction to material and perceptual problems in sculpture. Explores problems of representational, abstract, and nonobjective sculpture. This basic introduction to

methods and concepts of sculpture will emphasize elements of three-dimensional design and composition. *3 sem. hrs.* (FSVP)

*The following courses do not have a prerequisite, but studio majors and minors are encouraged to have taken at least one foundation course beforehand; the courses are highly recommended for non-art majors seeking to fulfill the FSVP requirement or those students wanting to engage in intensive and structured creative experiences. Individual studio work is at the core of each of these courses, augmented with group and individual critiques, visual resource presentations, and museum and gallery visits.*

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

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

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

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

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

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

**223 Digital Artmaking.** Introduction to digital art, including its brief history and how to use it as an art medium. Interdisciplinary course provides basic background to the field of computer technology-based artmaking combined with the studio experience of using this technology to create art. (Same as Computer Science 108) *3 sem. hrs.* (FSVP)

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

*The following courses have prerequisites and are geared toward studio majors and minors and students wanting to engage in advanced studio courses. Individual studio work is at the core of each of these courses, augmented with group and individual critiques, library research, visual resource presentations, and museum and gallery visits.*

**234 Advanced Design.** Using color theory and principles of design, focuses on individual studio projects with emphasis on graphic design and digital artmaking. *Prerequisite:* Studio Art 102. *3 sem. hrs.*

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

**275 Drawing Studio.** Explores abstract, conceptual, and process-based drawing. Investigates historical and experimental methods of drawing not covered in Studio Art 101 Foundation Drawing. May be repeated for credit. *Prerequisite:* Studio Art 101, 102, 205, 206, 208, 209, or 211; or permission of instructor. *4 sem. hrs.*

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

**277 Printmaking Studio: Etching.** Focuses on techniques, methods, and formal and conceptual potential of intaglio (etching and engraving) and related print media. Includes the techniques of drypoint, mezzotint, line etching, aquatint, and printing in color. May be repeated for credit. *Prerequisite:* Studio Art 101, 102, 206, or 208. *4 sem. hrs.*

**278 Printmaking Studio: Lithography.** Focuses on the techniques, methods and formal and conceptual potential of lithography and related print media. Includes both stone and plate lithography and alternative lithographic techniques. May be repeated for credit. *Prerequisite:* Studio Art 101, 102, 206, or 208. *4 sem. hrs.*

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

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

**295 Painting Studio.** Explores abstract, conceptual, and process-based painting. Students investigate historical and experimental methods of paintings not covered in Observational Painting (ARTS 205). May be repeated for credit. *Prerequisite:* Studio Art 101, 102, 205, 206, 208, 209, or 211; or permission of instructor. *4 sem. hrs.*

**350 Advanced Studio.** Advanced, directed individual studio projects in the medium chosen by the student. Emphasis on development of analytical and critical thinking and individual creative vocabulary. May be repeated for credit. *Prerequisite:* Studio Art 206, 208, 231, 234, 260, 277, 278, 293, or 295; or permission of instructor. *4 sem. hrs.*

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

**395-396 Independent Study.** Individually designed program under faculty supervision. *Prerequisite:* Permission of instructor. *1-4/1-4 sem. hrs.*

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

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

## Astronomy (ASTN)

**101 Astronomy.** Survey including solar system, stars, galaxies, cosmology, etc. Historical background with emphasis on current theories, observations, and topics of special interest. Observations of the night sky. *3 sem. hrs.*

## Biochemistry and Molecular Biology (BIOL and CHEM)

*Ellis Bell (Chemistry), Coordinator*

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

### The Biochemistry and Molecular Biology Major

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

#### For the Bachelor of Arts degree:

A total of 42 hours in chemistry and biology including:

CHEM 141 Introductory Chemistry: Structure, Dynamics, and Synthesis

CHEM 205-206 Organic Chemistry

BIOL 201 Introduction to Genetics

BIOL 202 Evolution and Diversity of Life

BIOL 214 Cell and Molecular Biology

CHEM 309 Physical Chemistry

CHEM 322 Junior Seminar

BIOL/CHEM 326 Biochemistry

BIOL/CHEM 331 Biochemistry and Biophysical Chemistry of Nucleic Acids

BIOL/CHEM 329 Protein Structure, Function and Biophysics

And two hours of Senior Seminar (either CHEM 421/422 or BIOL 391)

Course descriptions of these courses are found in the appropriate department listings.

#### For the Bachelor of Science degree:

The above courses plus two hours of approved research experiences in biology or chemistry and one upper-level elective, from either the biology or the chemistry departments, to give a total of 47 hours in chemistry and biology.

#### For either of the above degrees:

Eight semester hours in calculus-based physics. 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 the 300-level courses for only one degree program or the other. Similarly, 300-level courses cannot be counted for both a major and a minor in either department.

## Biology (BIOL)

*W. John Hayden, Chair*

*Professors Bishop, Hayden, Kish*

*Associate Professors de Sá, Kingsley, Radice, Schoknecht*

*Assistant Professors Reynolds, Runyen-Janeday,*

*Smallwood, Stenger, Warrick, Wobl*

*Directors of Biology Laboratories Lessem, Reiner*

*Manager of Biology Laboratories Farrell*

### The Biology Major

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

For either the Bachelor of Arts or the Bachelor of Science degrees at least 32 hours of biology, including Biology 201, 202, 203 and 20 additional hours in biology selected from approved courses, plus Chemistry 141 and Chemistry 205-206. Physics 131-132 is recommended. The following courses will not count toward the biology major: any 100-level course, 260, 349, 350, 370, 371, 388, 391, 395, 396. All other 200- and 300-level courses may be used to meet major requirements. Credits earned in Biology 326, 327, and 329 may be applied to either the Biology or Biochemistry and Molecular Biology majors but not to both.

## Interdisciplinary Biochemistry and Molecular Biology Major

For a description of the Bachelor of Arts degree and the Bachelor of Science degree, see page 65.

### The Biology Minor

Biology 201, 202, 203, Chemistry 141, and at least eight additional hours selected from courses approved for the major, with no course grade below C- (1.7).

### Honors Program

Students invited into the Honors program may earn honors in Biology by completing 12 hours of honors credit through a combination of upper level courses, Honors Research, and Honors Seminar; the program is planned in consultation with the student's research advisor and the department honors coordinator. Honors students must maintain an overall GPA of 3.30 or higher while in the program and write an original honors thesis to be submitted to their research advisor and the department.

### Interdisciplinary Concentration in Neuroscience for Biology or Psychology Majors

See page 153.

**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.

### Biology Courses (BIOL)

**102 Exploring Human Biology.** Examination of human biology from perspective of cellular processes, genetics, structure and function of organ systems, and evolution. Many topics will include application of the scientific method and consideration of ethical issues. For nonscience majors. Will not serve as basis of further work in science nor meet entrance requirements for any health profession. Three lecture and two laboratory hours a week. *Prerequisite:* High school biology. *4 sem. hrs.* (FSNB)

**105 Science and Society.** How scientific thought, particularly in biology, can be brought to bear on a question of social interest. Students will be guided to take problems apart and use scientific literature to find elements of a solution. Hands-on experimentation and presentation of knowledge to others will be stressed. Designed for nonscience majors and will not count toward the biology major. Five hours of lecture/lab a week. *4 sem. hrs.* (FSNB)

**106 Microbiology: Unseen Life.** Introduction to basic concepts needed to understand microorganisms and their impact on agriculture, the environment, and medicine. Topics such as microbial diversity, bioremediation, and antibiotic resistance of organisms will be discussed. Laboratory investigations will utilize the scientific method to allow students to gain insight as to how scientific experiments are performed. Designed for nonscience majors and will not count toward the biology major. Three lecture and two laboratory hours a week. *4 sem. hrs.* (FSNB)

**107 Human Genetics.** Introduction to basic concepts in human genetics and how advances in the field impact health care, biotechnology, public policy, and the law. Topics such as the Human Genome Project, gene therapy, and prenatal testing for genetic disorders will be discussed. Students will gain working knowledge of how scientists think and how they approach research problems. Designed for students with little or no background in biology, chemistry, and mathematics. Designed for nonscience majors and will not count toward the biology major. Three lecture and two laboratory hours a week. *4 sem. hrs.* (FSNB)

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

**201 Introduction to Genetics.** Introductory course addressing three main themes: 1) gene organization and transmission through generations, including Mendelian inheritance, linkage and mapping; 2) gene function at molecular level, including physical nature of DNA, transcription, translation, and regulation of gene expression; and 3) change and evolution of genes and genomes considered from perspective of individuals and/or populations. Three lecture and three laboratory hours a week. *4 sem. hrs.* (FSNB)

**202 Evolution and Diversity of Life.** Examination of abundance and diversity of life on Earth ap-

proached as two core themes: 1) principles and mechanisms of evolution, including speciation, and 2) diversity of and relationships among major groups of organisms. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 201. *4 sem. hrs.*

**203 Integrative Biology.** Integrated examination of energetics, core metabolism, physiological regulation and behavior, considered in terms of how these functions shape and are shaped by the natural environment; includes characteristics of ecosystems; exemplar organisms span the breadth of biological diversity. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 201 and 202. *4 sem. hrs.*

**214 Cell and Molecular Biology.** Introduction to structure and function of biological molecules and cellular organelles. Laboratory emphasizes separation and analysis of cell constituents. Three lecture and three laboratory hours a week. *Prerequisites:* Biology 203 and Chemistry 141. *4 sem. hrs.*

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

**250 Earth Systems and Physical Geography.** (See Geography 250; Same as Environmental Studies 250.) *3 sem. hrs.*

**260 Introduction to Geographic Information Systems.** (See Geography 260; Same as Environmental Studies 260.) *3 sem. hrs.*

**301 Microbiology.** Morphology and physiology of bacteria, with laboratory emphasis on techniques of culturing and handling organisms. Three lecture and three laboratory hours a week. *Prerequisites:* Biology 214 and Chemistry 141 or permission of instructor. *4 sem. hrs.*

**303 Plant Morphology.** Structure, life histories, and phylogeny of major divisions of algae, fungi, and terrestrial plants. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 202. *4 sem. hrs.*

**305 Plant Anatomy.** Microscopic structure of vascular plants with emphasis on function, development, and evolution. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 203. *4 sem. hrs.*

**306 Systematic Botany.** Identification and classification of vascular plants; emphasis on local flora; principles of systematics. Two lecture and four laboratory hours a week. *Prerequisite:* Biology 202. *4 sem. hrs.*

**307 Advanced Cell and Molecular Biology.** Analysis of molecular mechanisms by which cells interact with each other and the environment. Topics include signal transduction, cell cycle regulation and molecular models of cancer and microbial pathogenesis. *Prerequisites:* Biology 214 and Chemistry 206. *3 sem. hrs.*

**308 Comparative Vertebrate Anatomy.** Comparative anatomy and biology of several systems of organs of representative vertebrates in an evolutionary context. Two lecture and four laboratory hours a week. *Prerequisite:* Biology 202. *4 sem. hrs.*

**309 Invertebrate Zoology.** Morphology, physiology, development, and relationships of representative invertebrate animals. Three lecture and three laboratory hours a week plus field trips. *Prerequisite:* Biology 202. *4 sem. hrs.*

**311 Microanatomy.** Microscopic structures and functions of vertebrate tissues and organs. Laboratory emphasizes quantitative light and electron microscopy and computer-assisted image analysis. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 214. *4 sem. hrs.*

**312 Developmental Biology.** Development of animals, concentrating on fertilization and early embryonic development. Emphasizes mechanisms of cell differentiation and pattern formation. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 214. *4 sem. hrs.*

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

**318 Field Biology.** Introduction to theory and practice of field biology research, including sampling, monitoring, and experimental design. Emphasis on both gathering quantitative information and understanding natural history of the study organism. Three lectures and three laboratory hours a week. *Prerequisite:* Biology 203. *4 sem. hrs.*

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

**326 Biochemistry.** (See Chemistry 326.) *Prerequisite:* Chemistry 206. *4 sem. hrs.*

**328 Vertebrate Zoology.** Comprehensive survey of vertebrate classes emphasizing phylogenetic theory, natural history, behavior, and ecology. Two lecture and four laboratory hours a week. *Prerequisite:* Biology 202. *4 sem. hrs.*

**329 Protein Structure, Function and Biophysics.** (See Chemistry 329.) *Prerequisites:* Chemistry 309 and Biology 326 (Chemistry 326) or equivalent. *4 sem. hrs.*

**330 Ecology.** Interrelationships of organisms and their environments. Three lecture and three laboratory hours a week plus two overnight field trips. *Prerequisite:* Biology 203. *4 sem. hrs.*

**331 Biochemistry and Biophysical Chemistry of Nucleic Acids.** (See Chemistry 331.) *Prerequisites:* Biology 201, 326 or equivalent. *4 sem. hrs.*

**332 Tropical Marine Biology.** Introduction to marine biology and other oceanographic disciplines using tropical marine habitats as specific examples. Three lecture hours a week and laboratory portion composed of field trips and exercises including Spring Break field experience in Caribbean (extra fee required). *Prerequisites:* Biology 203 and permission of instructor. *4 sem. hrs.*

**333 Microbial Ecology.** Examination of ecological role of microorganisms in terrestrial, freshwater, and marine habitats with emphasis on role of microorganisms in flow of materials and energy through global ecosystem. Laboratory includes independent research project. *Prerequisites:* Biology 203 and 301 or permission of instructor. *4 sem. hrs.*

**334 Oceanography.** Integrated introduction to biological, geological, chemical, and physical oceanography. Multidisciplinary approach to ocean processes. Three lecture hours a week and laboratory and field trips. *Prerequisites:* Biology 203 and Chemistry 141. *4 sem. hrs.*

**335 Freshwater Biology.** Physical, chemical, and biological properties of fresh waters. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 203. *4 sem. hrs.*

**338 Comparative Animal Physiology.** Introduction to major characteristics of animal function at level of whole organism and component structures and organ systems. Emphasis on physiological function and processes related to survival in natural environment. Topics include respiratory physiology, blood and oxygen transport systems, gut anatomy and digestion, energy metabolism, body size, pressure physiology (altitude, deep-sea, and diving), temperature adaptation and heat balance, water relations, locomotion and biomechanics, and information control and integration. Three lecture and three laboratory hours a week. *Prerequisites:* Biology 203 and Chemistry 206. *4 sem. hrs.*

**339 Physiology of Marine Organisms.** Physiological adaptations, including osmoregulation, respiration, diving physiology, and temperature regulation of organisms to marine environments, such as estuaries, the open ocean, and deep sea. Half-day field trips required. Three lecture/laboratory hours a week. *Prerequisite:* Biology 203. *3 sem. hrs.*

**340 Introduction to Immunology.** Overview of immunology. Current theories and their explanation of pertinent contemporary issues included. Three lecture

and three laboratory hours a week. *Prerequisite:* Biology 214. *4 sem. hrs.*

**341 Animal Physiological Ecology.** Introduction to animal physiological adaptation to the natural environment. Emphasis will be on physiological responses of animals to both biotic and abiotic factors and interaction with ecology and population dynamics of species. Topics covered will stress interdisciplinary relationship between physiology and both natural biological sciences (ecology, natural history, behavior, and evolution) as well as applied sciences (population management and conservation biology). *Prerequisite:* Biology 203. *4 sem. hrs.*

**342 Biology of Cancer.** Historical perspective on principal developments in cancer research. Topics focus on molecular basis of cancer: selection and clonal evolution of cancer cells, oncogenes and tumor suppressor genes, control of tumor growth and metastasis, RNA and DNA transforming viruses, carcinogenesis induced by chemicals and radiation, and molecular basis of cancer treatment. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 214. *4 sem. hrs.*

**344 Behavioral Ecology.** Introduction to analysis of behavior of organisms, including humans, by study of how behavior affects survival and reproduction. Behaviors studied include foraging, aggression, cooperation, and reproduction. Verbal, graphical, and mathematical models to describe and predict behavior are studied and tested. Three lecture and three laboratory hours a week; may include overnight field trips. *Prerequisites:* Biology 202 or permission of instructor. *4 sem. hrs.*

**349-350 Undergraduate Research.** Independent research conducted with faculty supervision. May be repeated without credit. *Prerequisite:* Permission of instructor. *2-2 sem. hrs.*

**351 Special Topics.** Special course areas covered when sufficient interest exists. Considers subject matter not covered in other biology courses. *Prerequisite:* Biology 214. *1-4 sem. hrs.*

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

**370 Women in Science.** Critical analysis of involvement of women in science; history of participation of women in science; current trends and barriers to full participation in science; and feminist analyses of science. Continuing dialogue on how science is done and impact that feminist scholarship has had on this dialogue. *Prerequisite:* Students must have fulfilled their FSNS requirement or have permission from the instructor. *3 sem. hrs.* (FSSA)

**371 Urban Ecology.** Interdisciplinary approach to ecology of past, present, and future cities. Involves class discussions, field trips, and team research projects. Three hours of class a week. *3 sem. hrs.*

**374 Evolutionary Biology of Lower Tetrapods.** Introduction to amphibians and reptiles and fundamental transitions in vertebrate evolution. *Prerequisite:* Biology 202. *4 sem. hrs.*

**380 Philosophical Issues in Evolutionary Biology.** Philosophical problems within evolutionary biology and its influence on society. Issues studied include how natural selection works, evolution and human behaviors, and the influence of evolutionary theory on our ethical and legal codes. Lecture/seminar format, with student presentations and term paper. *Prerequisite:* Biology 202 or permission of instructor. *3 sem. hrs.*

**383 Tropical Biology and Conservation.** Introduction to principles of tropical biology and conservation, including historical and economic components. *Prerequisite:* Any college-level biology course. *4 sem. hrs.*

**384 Eukaryotic Genetics.** Principles underlying gene expression in higher eukaryotes, examined through selected genetic pathologies. The course seeks to increase students' facility in making creative use of the primary scientific literature. *Prerequisite:* Biology 201. *3 sem. hrs.*

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

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

**395-396 Honors Research.** Laboratory or field-centered independent study. *Prerequisite:* Permission of instructor. *2-2 sem. hrs.*

## Chemistry (CHEM)

*John Gupton, Chair*

*Professors Bell, Gupton, Myers*

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

*Assistant Professors Hamm, Leopold, O'Handley*

*Director of Chemistry Laboratories Ferguson*

*Director of Instrument Facilities Norwood*

*Director of Computer-Assisted Science Education Kanteres*

*Manager of Laboratories Collins, Wimbush*

### 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:**

A total of 31 hours in chemistry approved by the department including 141, 205-206, 300, 301, 309 (or 310), 317, 322, 421, 422 and at least four

semester hours of upper-level elective courses in chemistry. Research is strongly advised and is an important part of the program.

**For the Bachelor of Science degree:**

A total of 37 hours in chemistry approved by the department including Chemistry 141, 205-206, 300, 301, 309, 310, 317, 322, 421, 422, and at least four semester hours of upper-level elective courses in chemistry, and two hours of an approved research experience.

**And for either of the above degrees:**

Eight semester hours in calculus-based Physics. Additional upper-level elective courses in chemistry and two full years of either biology or physics are highly recommended.

### Interdisciplinary Biochemistry and Molecular Biology Major

For a description of the Bachelor of Arts degree and the Bachelor of Science degree, see page 65.

### Certifications in the Chemistry Major

Certifications by the department, based on American Chemical Society specifications, require completion of the requirements for the Bachelor of Science degree in chemistry and:

For chemistry:

Chemistry 326 and an additional 3 semester hours or an upper-level chemistry course.

For chemistry/biochemistry:

Chemistry 326, either 329 or 331, and one approved upper-level biology course. Note that completion of the Bachelor of Science degree in Biochemistry and Molecular Biology and Chemistry 300, 301, 310, and 317 also meets the certification requirements.

### The Chemistry Minor

Chemistry 141, 205-206, both 300 and 301 (or 302 or 303), and one additional course approved by the department. A grade of not less than C- (1.7) is required in each course.

### Cooperative Programs

**Engineering Opportunities for University of Richmond students at Virginia Commonwealth University**

A fundamental understanding of chemistry coupled with problem-solving and analytical skills in chemical engineering represents a unique opportunity to position students for broad employment opportunities in chemical process technology and in the rapidly grow-

ing areas of biotechnology and advanced materials. Toward this end, opportunities have been created for University of Richmond students who seek the advantages of a liberal arts education coupled with a strong background in the fundamentals of engineering.

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

The core courses are listed below:

EGRC 201 Material, Energy, and Economic Balances (Fall, 4 credits)

EGRC 204 Engineering Thermodynamics (Spring, 4 credits)

EGRC 301 Fluid Dynamics and Heat Transfer (Fall, 3 credits)

EGRC 302 Mass Transfer and Unit Operations (Spring, 3 credits)

The core courses listed above will be accepted as transfer credit. Up to 4 semester hours will count as required elective credit within the chemistry major.

For a UR student to qualify, the following criteria would have to be met:

Junior or senior standing at UR

Enrollment in at least 12 hrs. at UR during the semester coursework is taken at VCU

Minimum GPA of 2.5 at UR

Enrollment in no more than one course at VCU in any given semester

Prerequisites for elective courses must be completed

Payment of any lab fees required by VCU

Acceptance by the School of Engineering at VCU

Student's program must be approved in advance by VCU registrar (case-by-case approval)

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

For a description of the program, see page 66.

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

For a description of the program, see page 66.

## Chemistry Courses (CHEM)

**110 Pollutants in the Environment.** Sources, behavior and effects of chemical pollutants in the air,

water, and soil. Topics include global warming, ozone depletion, acid rain, pesticides, and radioactive waste. Three lecture and three laboratory hours a week. *Prerequisite:* None (high school chemistry desirable). 4 sem. hrs. (FSNC)

**111 Chemical Structure Determination.** Introduction to how chemists qualitatively determine structures of compounds. Three lecture and three laboratory hours a week. *Prerequisite:* High school chemistry or permission of instructor. 4 sem. hrs. (FSNC)

**112 Biochemistry in the Real World.** The genomics revolution of the last 10 years has given birth to the "proteome," emphasizing the central role that proteins play in virtually all life and death processes. This course will explore central features of what proteins look like and how they perform their varied functions in a variety of biological and chemical processes. These will include aspects of cell differentiation, cell death and disease states such as cancer, Alzheimer's, and viral infections by Epstein Barr Virus, Papilloma Virus, and AIDS. Three lecture and three laboratory hours a week. *Prerequisites:* None. 4 sem. hrs. (FSNC)

*Note: Neither Chemistry 110, 111, nor 112 will count toward the major.*

**141 Introductory Chemistry: Structure, Dynamics, and Synthesis.** Fundamental principles of chemistry including atomic and molecular structure, bonding, periodicity, chemical reactions including stoichiometry, acid base chemistry, oxidation-reduction, and an introduction to kinetics and thermodynamics, chemical reactions and equilibria. Introductory course for science majors and those pursuing degrees in the health sciences. It is a prerequisite for upper-level courses. Three lecture and three laboratory hours a week. Previous knowledge of chemistry would be helpful. *Prerequisite:* None. 4 sem. hrs. (FSNC)

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

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

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

**301 Quantitative Methods of Chemical Analysis.** Principles and techniques of chemical and instrumental methods used for quantitative analysis. Includes lecture coverage and extensive laboratory use of gravimetric, titrimetric, electrochemical, and spectroscopic methods. Three lecture and four laboratory hours a week. *Prerequisite:* Chemistry 141. *Corequisite:* Chemistry 300. 4 sem. hrs.

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

**303 Separations.** Principles, theory, and techniques central to chemical separation sciences—both classical and instrumental methods used for compound separation and purification, as well as factors important to industrial scalability versus nanoscale applications. Focus on modern theories and implementations of instrumental methods for compound separations and principles underlying instrumentation. Three lecture and four laboratory hours a week. *Prerequisite:* Chemistry 206. 4 sem. hrs.

**308 Statistical Mechanics.** (see Physics 308.) 3 sem. hrs.

**309-310 Physical Chemistry.** Principal laws and theories of chemistry: gas laws and kinetic molecular theory, classical and statistical thermodynamics, wave mechanics and molecular structure, and chemical kinetics. Principles and properties of liquids, solids and solutions, and phase equilibria are examined along with electrochemistry. Three lecture and four laboratory hours a week. *Prerequisites:* Chemistry 141, Physics 132 and Mathematics 212. Chemistry 309 is prerequisite to 310. 4-4 sem. hrs.

**316 Environmental Chemistry.** Study of the fate, transport, and distribution of chemicals in the environment. The chemistry of the atmosphere, hydrosphere, and geosphere will be covered, highlighting effects of inorganic and organic pollutants. Topics such as global warming, stratospheric ozone depletion, acid rain, photochemical smog, and groundwater contamination will be discussed in detail. Three lecture hours a week. *Prerequisite:* Chemistry 206 or permission of instructor. 3 sem. hrs.

**317 Inorganic Chemistry.** Inorganic chemistry embraces the chemistry of all of the elements. This course will focus on the synthesis and behavior of inorganic materials. As such, it will need to 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 three laboratory hours per week. *Prerequisite:* Chemistry 206. 3 sem. hrs.

**320 Introduction to Research.** Laboratory research experience with a faculty member. 1-3 sem. hrs.

**322 Junior Seminar.** Regular attendance in departmental seminar program. One class hour a week. *Prerequisite:* Chemistry 206. 0 sem. hrs.

**326 Biochemistry.** 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 a week. (Same as Biology 326). *Prerequisite:* Chemistry 206. 4 sem. hrs.

**329 Protein Structure, Function and Biophysics.** Advanced topics in protein structure, function and biophysics. The course commences with a brief treatment of the essential elements of kinetics, thermodynamics and quantum mechanics necessary for a thorough understanding of the 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. The second half of the course focuses on three classes of proteins and associated themes: i) kinases, phosphatases and regulation, ii) proteases and processes, and iii) oligomeric enzymes and allosteric models. Three lecture and three laboratory hours per week. (Same as Biology 329.) *Prerequisite:* Chemistry 326 (Biology 326) and 309. 4 sem. hrs.

**331 Biochemistry and Biophysical Chemistry of Nucleic Acids.** A focus on the molecular basis and details of replication, transcription, and translation, as well as genomics, DNA damage, repair, recombination, and mutagenesis. Other topics may include structure and structure-function relationships of DNA and RNA; ribozymes; nucleic acid—protein interactions; enzymes involved in modification of nucleic acids; and other current and advanced topics. This will be a literature-based course focusing on "classic papers" and current primary literature and reviews. Three lecture and three laboratory hours a week. (Same as Biology 331.) *Prerequisite:* Chemistry 326 (Biology 326). 4 sem. hrs.

**352 Materials and Polymers.** Introduction to fields of materials science and polymers. Issues of synthesis, structure, physical, and chemical properties which are central to design and use of new materials will be covered. Important applications of products used in industry and in our lives will also be discussed. Three lecture and three laboratory hours a week. *Prerequisite:* Chemistry 206. 4 sem. hrs.

**401-402 Quantum Mechanics.** (See Physics 401-402.) 3-3 sem. hrs.

**418 Chemical Synthesis Laboratory.** Synthetic techniques including vacuum line, airless ware, gas addition, and high temperature applied toward synthesis and characterization of organometallic, transition metal coordination, main group inorganic, and organic compounds. Four laboratory hours a week. *Prerequisite:* Chemistry 206. 1 sem. hr.

**419 Advanced Inorganic Chemistry.** Study of principles of chemistry involved in bonding, structure, properties, and reactions of main group metal, transition metal, coordination, and organometallic compounds with emphasis on periodic trends, thermodynamic and kinetic factors, and symmetry. Three lecture hours a week. *Prerequisites:* Chemistry 206 and 309 (309 may be taken concurrently). 3 sem. hrs.

**421-422 Senior Seminar.** Participation in departmental seminar program, to include regular attendance and one presentation each semester. Presentation will include both written and oral component, each prepared on specific topic in chemistry. *Prerequisite:* Chemistry 322. 1-1 sem. hrs.

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

**433 Special Topics.** Typically offered each semester on a rotating basis such that a topic from each main category will be offered at least once every two years. Main categories are analytical, inorganic, organic, and physical chemistry. See chemistry department home page ([www.richmond.edu/academics/a&s/chemistry/](http://www.richmond.edu/academics/a&s/chemistry/)) for special topics course descriptions currently scheduled. *Prerequisite:* Permission of instructor. 1-3 sem. hrs.

## Classical Civilization

Stuart L. Wheeler, Coordinator (Classical Studies)

### The Classical Civilization Major

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

Thirty-three semester hours including a three-hour research seminar (Classical Civilization 498). With the advice of an advisor from the faculty of the Department of Classical Studies or the Classical Civilization Advisory Committee, and the approval of the program coordinator, each student designs his or her own major which must include either Greek and Roman Values (Classics 305) or the Classical Tradition (Classics 306).

Although each student plans his or her major according to individual interests, the following emphases are recommended possibilities: Greek and Roman archaeology; Classical and Medieval history; Classical, Medieval, and Renaissance literature; and the Classical Tradition in art history, literature, and philosophy. (For examples of such major programs, see the coordinator.)

A faculty member selected by the coordinator shall be involved in the on-going advising of each major. Courses may be selected from courses offered by the Department of Classical Studies and from those courses preapproved as belonging to the Classical Civilization major, or other courses approved by the coordinator. (All courses selected must be appropriate to the emphasized area.)

### The Classical Civilization Minor

Eighteen semester hours approved by the coordinator of which at least 12 must be in the Department of Classical Studies and the remainder from the courses listed or other courses approved by the coordinator. (Latin and Greek courses may not be counted toward this minor.)

### Classical Civilization Courses (CLCV)

**498. Major Seminar.** Study of research strategy and methodology inherent in Classical Civilization. Preparation of research paper. *Prerequisite:* Permission of coordinator. 3 sem. hrs.

See the departmental listings for descriptions of the following courses.

#### Anthropology (ANTH)

205 Introduction to Cultural Anthropology

#### Art History (ART)

301 Greek Art and Archaeology  
302 Roman Art and Archaeology  
214 Northern Renaissance Art  
215 Art of the Renaissance  
216 Mannerism and the Baroque  
322 Seminar in Museum Studies

#### English (ENGL)

301 Literature of the Middle Ages  
302 Literature of the English Renaissance  
304 Shakespeare  
305 Critical Approaches to Shakespeare  
306 Milton  
310 Topics in British Literature before 1660  
338 Versions of Tragedy  
339 Epic Tradition

#### History (HIST)

328 The Aegean Bronze Age  
329 History of Greece  
330 Hellenistic Greece and Republican Rome  
331 The Roman Empire  
332 Medieval Italy  
333 Early Middle Ages  
334 High Middle Ages  
335 Renaissance

#### Philosophy (PHIL)

271 Ancient Greek Philosophy  
281 Philosophy of Art

#### Political Science (PLSC)

311 Political Theory: Plato to Locke

#### Religion (RELG)

200 Symbol, Myth, and Ritual  
230 The History of Israel  
241 Introduction to Early Christian Era  
243 The World of the New Testament  
258 Medieval Religious Thought  
331 The Hebrew Prophets  
332 Hebrew and Christian Wisdom Literature  
340 Varieties of Early Christianity  
341 Paul and Christian Origins  
342 John in Early Christian Literature  
360 Goddess Traditions Ancient and Modern

### Rhetoric and Communication Studies (RHCS)

301 Classical Rhetoric

## Classical Studies (CLSC, GREK, LATN)

Dean W. Simpson, Chair

Associate Professors Laskaris, Simpson, Stevenson, Wheeler

**Note:** A grade of not less than C- (1.7) is required in all coursework comprising the Greek or Latin major or minor.

### The Greek Major

Thirty-six semester hours including 12 hours of a core curriculum and 24 hours of Greek.

<b>I. Core Curriculum</b>	<b>12 hours</b>
CLSC 301 Greek Art and Archaeology	3 hours
CLSC 305 Greek and Roman Values	
OR	
CLSC 306 The Classical Tradition	3 hours

HIST 328 The Aegean Bronze Age	
OR	
HIST 329 History of Greece	3 hours
GREK 498 Major Seminar	3 hours

### II. Twenty-four semester hours of Greek

**Note:** A minimum of two years of Latin is recommended for students intending to pursue graduate study.

### The Greek Minor

Eighteen semester hours of Greek with at least six semester hours at the 300 or 400 level.

No Greek 100- or 200-level course may be used to meet the Literary Studies field-of-study requirement.

### Greek Courses (GREK)

**101-102 Elementary Greek.** Introduction to ancient Greek language and culture. *Prerequisite:* Greek 101 is prerequisite to 102. 3-3 sem. hrs.

**201-202 Intermediate Greek.** Continued study of ancient Greek language and culture plus selected readings. *Prerequisite:* Greek 102 or permission of department. Greek 201 is prerequisite to 202. 3-3 sem. hrs. (202 only, COM2)

*General Prerequisite for all 300- and 400-level Greek courses: Greek 202 or permission of department.*

**301 Greek Epic.** Readings from Homer's *Iliad* and *Odyssey*. 3 sem. hrs.

**302 Greek Drama.** Readings from Sophocles and Euripides. 3 sem. hr.

**303 Greek Historiography.** Readings from Herodotus and Thucydides. 3 sem. hrs.

**304 Greek Philosophical Prose.** Readings from Plato and Aristotle. 3 sem. hrs.

**398 Selected Topics.** Topics or themes in Greek literature and history. Examples include Pre-Socratics, Greek concepts of love, Socrates, Greek oratory, Hellenistic philosophy, Hellenistic poetry and scholarship, and New Testament. 3 sem. hrs.

**498 Major Seminar.** Required of all majors. Study of research strategy and methodology inherent in classical studies. Preparation of research paper. *Prerequisite:* Permission of department. 3 sem. hrs.

**499 Independent Study.** Content adapted to the requirements and interests of participant. *Prerequisite:* Permission of department. 1-3 sem. hrs.

## The Latin Major

Thirty-six semester hours including 12 hours of a core curriculum and 24 hours of Latin.

I. Core Curriculum	12 hours
CLSC 302 Roman Art and Archaeology	3 hours
CLSC 305 Greek and Roman Values OR	
CLSC 306 The Classical Tradition	3 hours
HIST 330 Hellenistic Greece and Republican Rome OR	
HIST 331 The Roman Empire	3 hours
LATN 498 Major Seminar	3 hours

## II. Twenty-four semester hours of Latin

**Note:** A minimum of two years of Greek is recommended for students intending to pursue graduate study.

## The Latin Minor

Eighteen semester hours of Latin, with at least six hours at the 300 or 400 level.

*No Latin 100- or 200-level course may be used to meet the Literary Studies field-of-study requirement.*

## Latin Courses (LATN)

**101-102 Elementary Latin.** Introduction to Latin language and Roman culture. *Prerequisite:* Latin 101 is prerequisite to 102. *3-3 sem. hrs.*

**201-202 Intermediate Latin.** Continued study of Latin language and Roman culture plus selected readings. *Prerequisite:* Latin 102 or the permission of department. Latin 201 is prerequisite to 202. *3-3 sem. hrs.* (202 only, COM2)

*General Prerequisite for all 300- and 400-level Latin courses: Latin 202 or permission of department.*

**301 Plautus.** Study of Roman comedy using Latin texts, videotapes, and live performance. *3 sem. hrs.* (FSVP)

**302 Ovid.** Mythic traditions of Greco-Roman culture. *3 sem. hrs.*

**303 Roman Epic.** Special emphasis on Vergil's *Aeneid*. *3 sem. hrs.*

**304 Roman Historiography.** Emphasis on Livy and Tacitus. *3 sem. hrs.*

**305 Horace - The Lyric Poetry.** *3 sem. hrs.*

**306 Roman Philosophical Literature.** Special emphasis on Lucretius' *De Rerum Natura* or Cicero's *Tusculan Disputations*. *3 sem. hrs.*

**307 Catullus.** Literary analysis of selected readings. *3 sem. hrs.* (FSLT)

**308 The Novel.** Latin novels of Petronius and Apuleius. *3 sem. hrs.*

**309 Cicero.** Theory and history of Roman oratory. *3 sem. hrs.*

**398 Selected Topics.** Topics or themes in Roman literature and history. Examples include historical biography, epistolography, drama, Latin Christian literature, Medieval or Renaissance Latin, and art criticism in Latin literature. *3 sem. hrs.*

**411 The Teaching of High School Latin.** Curriculum construction, organization, audiovisual materials, teaching methods. *3 sem. hrs.*

**498 Major Seminar.** Required of all majors. Study of research strategy and methodology inherent in Latin studies. Preparation of research paper. *Prerequisite:* Permission of department. *3 sem. hrs.*

**499 Independent Study.** Content adapted to requirements and interests of participant. *Prerequisite:* Permission of department. *1-3 sem. hrs.*

## Classics in English (CLSC)

The following courses are designed for the student who is interested in the cultures and literatures of Greece and Rome. Knowledge of Greek or Latin is not required.

While these courses do not fulfill the foreign language communication skills requirement, courses so designated meet various fields-of-study requirements.

## Classics Courses (CLSC)

**201 Classical Elements in the English Language.** Vocabulary development and use of English through study of Greek and Latin elements in English. *3 sem. hrs.*

**205 Greek and Roman Mythology: Epic.** Selected mythic themes in Greek and Roman epic literature from Homer to Ovid. Emphasis on myths prominent in Western literature. *3 sem. hrs.* (FSLT)

**207 Greek Magic.** Exploration of magic as a means to understanding and affecting the natural world. Major topics include erotic magic, dreams and divination, ritual purification, sacred plants, and healing. *3 sem. hrs.*

**208 Mythology: Greek Drama.** Study of myths preserved in Greek dramas, and historical and literary analysis of these plays. *3 sem. hrs.* (FSLT)

**209 The Built Environment.** (See Urban Practice and Policy 209.) *3 sem. hrs.*

**301 Greek Art and Archaeology.** Architecture, painting, and sculpture of Greece; the techniques by which these were produced and are reclaimed and displayed. (Same as Art 301.) *3 sem. hrs.* (FSVP)

**302 Roman Art and Archaeology.** Architecture, painting, and sculpture of Roman world (Same as Art 302.) *3 sem. hrs.* (FSVP)

**304 The Feminine in Greco-Roman Literature.** Concept of the feminine as seen in major works of Greek and Roman poetry, prose, and drama. *3 sem. hrs.* (FSLT)

**305 Greek and Roman Values.** Investigation of ancient Greco-Roman values, artistic, religious, political, and personal, as found in eclectic survey of unusual primary texts. Focuses on methods of understanding these distant and relatively well-preserved civilizations. *3 sem. hrs.* (FSHT)

**306 The Classical Tradition.** Legacy of classical Greece and Rome in medieval, renaissance, and modern worlds. *3 sem. hrs.* (FSHT)

**307 Myth and Film.** Study of use of ancient myth in modern cinema. *3 sem. hrs.*

**308 Women in Greece and Rome.** Structure of Greek and Roman societies based on analysis of the position of women within them. Comparison with other disenfranchised groups, particularly ethnic minorities. *3 sem. hrs.* (FSSA)

**312 The Land of Hellas: Ancient Topography—Modern Legacy.** (Summer only taught abroad.) Study of ancient remains of Bronze Age and Classical Greece and their role as a binding force for the ethnic and national identity of the modern country. *3 sem. hrs.*

**388 Individual Internship.** Supervised independent work. *Prerequisite:* Permission of department. *3 sem. hrs.*

**398 Selected Topics.** Topics or themes in Classics. Examples include origin and development of historiography, ancient conceptions of death and the soul, ancient athletics, Greek and Roman novel, pagan and Christian beliefs in late antiquity, Greek sculpture, the Etruscans, and Greek topography. *Prerequisite:* Permission of department. *3 sem. hrs.*

**499 Independent Study.** Content adapted to requirements and interests of participant. *Prerequisite:* Permission of department. *1-3 sem. hrs.*

## Computer Science (CMSC)

(See Mathematics and Computer Science)

## Core Course (CORE)

(See First-Year Core Course)

## Criminal Justice (CJ)

*Joan L. Neff, Coordinator (Sociology)*

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

## The Criminal Justice Major

The criminal justice major is an interdisciplinary program designed to provide students with a basic understanding of significant issues in the criminal justice system. Students majoring in criminal justice select courses together with their advisor, Dr. Joan L. Neff, coordinator of the program. Upon completion of the major, students are prepared to enter a variety of fields, such as law enforcement, correctional counseling, probation and parole counseling, and criminal justice administration. In addition, many students elect to continue their education by pursuing graduate degrees in criminal justice, public administration, social work, sociology, or law.

*Requirements:*

Students must select 27 semester hours from the list of core courses in group A.

*Group A Requirements:*

- One course in Philosophy (220, 260 or 364)
- One course in Political Science (331, 333 or 337)
- Sociology 310, Criminology
- Sociology 311, Juvenile Delinquency, or 305, Deviance
- Criminal Justice 490, Senior Seminar
- 12 additional hours from Group A selected in consultation with Dr. Neff.

Students must also select nine semester hours from Group B. The Group B courses are selected in consultation with Dr. Neff, with careful consideration given to the student's graduate study or career objectives and the potential for double majors or minors in other disciplines.

## The Criminal Justice Minor

*Requirements:*

Students must take 18 semester hours from Group A, including all of the specific courses required for the major, plus one additional elective from Group A. The minor does not require any courses from Group B.

**Note:** Students are responsible for completing all prerequisites for courses that are part of the criminal justice program.

**Group A: Core Courses****Criminal Justice (CJ)**

- 320 Fundamentals of Criminal Law
- 321 Fundamentals of Criminal Procedure
- 379 Selected Topics
- 388 Individual Internship
- 400 Independent Study
- 450 Research Practicum
- 490 Senior Seminar

**Philosophy (PHIL)**

- 220 Contemporary Moral Issues
- 260 Philosophical Problems in Law and Society
- 364 Philosophy of Law

**Political Science (PLSC)**

- 331 Constitutional Law
- 333 Civil Rights/Civil Liberties
- 337 The American Legal System

**Psychology (PSYC)**

- 317 Psychopathology
- 436 Developmental Psychopathology

**Sociology (SOC)**

- 305 Deviance
- 310 Criminology
- 311 Juvenile Delinquency
- 313 Field Investigation of the Juvenile and Adult Criminal Justice Systems
- 324 Law and Society

**Group B: Related Courses**

**Note:** These electives must be selected in consultation with the program coordinator.

**Accounting (ACCT)**

- 201, 202 Fundamentals of Financial/Managerial Accounting

**Mathematics (MATH)**

- 119 Social Science Statistics

**Political Science (PLSC)**

- 260 Introduction to Public Policy
- 303 Metropolitan Problems and Politics
- 372 Methods for Public Opinion Research
- 373 Methods for Public Policy Research

**Psychology (PSYC)**

- 200 Methods and Analysis
- 311, 312 Child Development
- 313, 314 Social Psychology
- 435 Advanced Personality and Social Psychology

**Rhetoric and Communication Studies (RHCS)**

- 105 Interpersonal Communication
- 201 Argumentation and Debate
- 306 Persuasion
- 319 Research Methods and Analysis in Communications

**Sociology (SOC)**

- 300 Fundamentals of Sociological Research
- 316 Race and Ethnicity in America
- 318 Social Stratification
- 322 Collective Behavior
- 323 The Black Community in Urban America

**Criminal Justice Courses (CJ)**

**320 Fundamentals of Criminal Law.** Overview of general structure of substantive aspects of criminal law in the United States. Analyzes concepts of law and crime. Discusses objectives of criminal law and distinction between crimes and civil wrongs. *Prerequisite:* One of the following: Political Science 331, 333, or 337, Sociology 310 or 311, or permission of program coordinator. *3 sem. hrs.*

**321 Fundamentals of Criminal Procedure.** Overview of procedural aspects of criminal law in the United States. Focuses on processing of criminal cases through the legal system and rules applied and decisions made at each point in the process. *Prerequisite:* One of the following: Political Science 331, 333, or 337, Sociology 310 or 311, or permission of program coordinator. *3 sem. hrs.*

**379 Criminal Justice: Selected Topics.** Varying topics of current relevance and interest in the field of criminal justice. May be repeated for credit if topics differ. *Prerequisite:* One of the following: Political Science 331, 333, or 337, Sociology 305, 310, 311, 313, 324, or permission of program coordinator. *3 sem. hrs.*

**400 Directed Independent Study.** Individually designed in-depth study of a specific topic in criminal justice. Not available for minor credit. *Prerequisite:* Permission of program coordinator. *1-3 sem. hrs.*

**450 Research Practicum.** Student-designed research project Not available for minor credit. *Prerequisite:* Permission of program coordinator. *3 sem. hrs.*

**490 Criminal Justice Senior Seminar.** In-depth discussion and analysis of major components of the criminal justice system: police, courts, and corrections. *Prerequisite:* Senior status in the Criminal Justice major or minor, or permission of program coordinator. *3 sem. hrs.*

See the departmental listings for descriptions of the courses in academic departments.

**Economics (ECON)**

*Robert M. Schmidt, Chair*

*Professors Dolan, Raines, Schmidt*

*Associate Professors Cook, Craft, Dean, McGoldrick,*

*Nicholson, Wight, Yates*

*Assistant Professor Monks*

**Economics Major**

**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.

Thirty semester hours in economics courses, including Economics 101, 102, 271, 272, and 301; four economics electives (at least two of which must be at the 300-level) and Economics 380, Senior Capstone Experience; Business Administration 203, Software Tools and Applications; and 18 semester hours in fields related to Economics, of which at least 12 hours must be at the 300 level.

**Note:** Majors are strongly encouraged to take Economics 101 and 102 during their first year, and Economics 271 and 272 during their second year. A basic foundation in calculus (e.g., Math 211) is assumed for Economics 271. Business Administration 201 is a prerequisite for Economics 301.

**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) in an economics course required for the minor.

Eighteen semester hours in economics including Economics 101, 102, 271, 272, and two economics electives (at least one of which must be at the 300 level, but does not include Economics 301.) A basic foundation in calculus (e.g., Math 211) is assumed for Economics 271.

Students may plan their course load to pursue a general degree in economics or to study a specific area in economics. Voluntary elective fields have been developed in the areas of Business Economics, International Economics, Economic History, Public Policy, and Quantitative Economics. Students are encouraged to speak with their academic advisor about the options available to them. Students interested in pursuing a graduate degree in economics are encouraged to take Math 235, Multivariate Calculus; Math 312, Differential Equations; and Math 245, Linear Algebra.

**Economics Courses (ECON)**

**101 Principles of Microeconomics.** Provides students with the analytical perspective to think critically about the market system and social objectives it may serve. Topics include supply and demand, market structure, production, market failure (e.g., pollution), and benefits and costs of government intervention. *3 sem. hrs. (FSSA)*

**102 Principles of Macroeconomics.** The study of national income determination within a global economy. Topics include inflation, unemployment, GDP determination, money supply, balance of payments, currency markets, and role of fiscal and monetary policies. *Prerequisite:* Economics 101 or permission of department chair. *3 sem. hrs.*

**105 Introduction to Global Economics.** Survey of international economic issues for nonmajors. The U.S.'s role in the global economy is covered analytically, historically, and institutionally, with special attention given to balance of payments analysis, exchange rate determination, gains from trade, trade policy, the IMF, GATT, and other topics. **Note:** This course has no prerequisites and fulfills no prerequisites for other economics or business courses. *3 sem. hrs.*

*Prerequisite:* Economics 101 and 102 are prerequisite to the following economics courses.

**200-209 Business Economics (ECON)**

**200 The Economics of Money, Banking, and Financial Markets.** Role and functions of money; operation of financial institutions; structure and influence of Federal Reserve System; effects of money and credit on economic activity. *3 sem. hrs.*

**201 Managerial Economics.** Fundamental, theoretical, analytical tools of economics as applied to decision making; illustrations from empirical studies and cases. **Note:** This course is not recommended for students who are majoring in economics. *3 sem. hrs.*

**210-219 International Economics (ECON)**

**210 Comparative Economic Systems.** Comparative analysis of economic systems operating in world's major industrial nations. Economic institutions, banking system, labor-management relations, and public finance examined in U.S., Western Europe, Japan, and CIS (former Soviet Union). *3 sem. hrs.*

**211 Economic Development in Asia, Africa, and Latin America.** Comparative analysis of economic growth, income and wealth distribution, trade and finance, population, agriculture, and industrialization in Latin America, Africa, and Asia. *3 sem. hrs.*

**220-229 Economic History (ECON)**

**220 History of Economic Thought.** Survey of development of economic analysis with emphasis on contributions from Adam Smith through J.M. Keynes. *3 sem. hrs.*

**221 American Economic History.** Applies basic economic theory and methods to the study of American history. Topics include: Native American development up to the arrival of Europeans, indentured servitude, the American Revolution, 19th-century banking, transportation revolutions, slavery, the Civil War, the Populist Movement, the Great Depression, and the Civil Rights Movement. *3 sem. hrs.*

### 230-239 Public Policy (ECON)

**230 Environmental Economics.** Development and application of economic principles to understand and evaluate causes and solutions to environmental problems such as pollution and conservation. Topics include economics of biodiversity protection, global warming, natural resource damage assessment, measurement of environmental values, and alternative strategies for pollution control. Special attention given to optimal use of exhaustible and renewable natural resources. *Prerequisite:* Economics 101. (Same as Environmental Studies 230). *3 sem. hrs.*

**231 Law and Economics.** Application of economic analysis to legal concepts. Using goals of efficiency and wealth maximization, shows how economic theory can unify property law, contract law, tort law, criminal law, and family/sex law, as well as offer new insights to old problems. *3 sem. hrs.*

**232 Women and Gender Issues in Economics.** Designed to point out differences in economic circumstances of men and women. Topic discussions include educational attainment, labor market participation decisions, joblessness, poverty, and associated policy. Different theoretical explanations (neoclassical, Marxist, institutionalist, and feminist) are covered and students evaluate rationale for each theory. *3 sem. hrs.*

**260 Selected Economic Topics.** Major areas in economics, application of economic principles, and analysis of policy issues. *1-3 sem. hrs.*

**269 Independent Study.** Specialized study or directed research in an area of Economics. *Prerequisites:* A written outline worthy of academic credit and permission of departmental chair. *1-3 sem. hrs.*

### Intermediate Core (ECON)

**271 Microeconomic Theory.** Theory of price determination in both output and input markets; in-depth analysis of behavior of individual consumers, firms, and industries under various market structures; theories of exchange and distribution. A basic foundation in calculus (e.g., Math 211) is assumed. *3 sem. hrs.*

**272 Macroeconomic Theory.** Theory of national income determination; short/medium-run monetary and fiscal policy issues are examined using Keynesian and New Classical models; long-run analysis focuses on recent extensions of the Neo-classical growth model. *3 sem. hrs.*

**301 Business Statistics II.** (See Business Administration 301). *3 sem. hrs.*

### Advanced Electives (ECON)

*The following 300-level courses require the prerequisites listed in the course description in addition to Economics 101 and 102.*

### 300-309 Business Economics (ECON)

**300 Industrial Organization and Public Policy.** Designed to identify features of industries with various degrees of competition. Issues to be explored include: identifying dominant firm, tight or loose oligopoly, competitive and monopoly industries; product vs. geographic markets; technological innovations; collusion, product differentiation; mergers; advertising; efficiency; price discrimination; etc. In addition, antitrust policies will be reviewed as they pertain to these issues. **Note:** This course may also be applied to the Public Policy area. *Prerequisite:* Economics 271. *3 sem. hrs.*

### 310-319 International Economics (ECON)

**310 International Trade and Finance.** Introduction to basic argument for free trade with emphasis on general equilibrium analysis; survey of trade restrictions including theory of tariffs, quotas, subsidies and preferential trade agreements. International monetary theory; determination of exchange rates in spot and forward markets; extension of national income model to international markets. *3 sem. hrs.*

### 330-339 Public Policy (ECON)

Also see Economics 300, Industrial Organization and Public Policy in the Business Economics section, p. 162.

**330 Environmental and Resource Economic Theory.** A rigorous treatment of environmental and resource issues, with particular emphasis on problem of designing appropriate institutions and regulations under uncertainty. Topics include emission fees and marketable permits; enforcement, risk regulation, the economics and regulation of the fishery, depletion of nonrenewable resources; and forest use. (Same as Environmental Studies 330.) *Prerequisite:* Economics 271. *3 sem. hrs.*

**331 Labor Economics.** Economic analysis of labor markets including labor supply, investment in human capital, labor demand, and wage determination. Policy issues include labor unions, discrimination, and analysis of government programs affecting labor markets. *Prerequisite:* Economics 271. *3 sem. hrs.*

**332 Public Economics.** Economic analysis of government spending and taxation with particular emphasis on current public policy issues (e.g., social security, health care, and fundamental income tax reform). *Prerequisite:* Economics 271. *3 sem. hrs.*

### 340-349 Quantitative Economics (ECON)

**340 Econometrics.** Theory, methodology, and application of econometric topics beyond the classical linear regression model. Topics include dummy and

limited dependent variables, time-series analysis, forecasting, and simultaneous equation systems. *Prerequisite:* Economics 301. *3 sem. hrs.*

**341 Mathematical Economics.** Examines various economic concepts by means of mathematical analysis. *Prerequisite:* Economics 271. *3 sem. hrs.*

### Additional 300-level Electives (ECON)

**360 Selected Economic Topics.** Major areas in economics, application of economic principles, and analysis of policy issues. *Prerequisite:* A core course to be announced. *1-3 sem. hrs.*

**369 Independent Study.** Specialized study or directed research in an area of Economics. *Prerequisites:* Economics 271 and/or 272, a written outline worthy of advanced credit and permission of departmental chair. *1-3 sem. hrs.*

### Capstone Experience (ECON)

**380 Senior Capstone Experience.** Students will be required to complete one or more of the following courses of study: a senior research thesis, a major seminar, a cumulative exam, a teaching practicum, an experiential learning project, or another experience approved by the Capstone Coordinator. **Note:** Participation in the Honors program fulfills the Capstone requirement. *Prerequisites:* Economics 271, 272, 301, and Senior standing. *3 sem. hrs.*

### Honors (ECON)

**390 Honors in Economics.** Honors seminar. *Prerequisite:* Departmental invitation. *3 sem. hrs.*

**391 Honors in Economics.** Capstone independent research project and Honors paper. **Note:** Participation in the Honors program fulfills the Capstone requirement. *Prerequisite:* Departmental invitation. *3-3 sem. hrs.*

In addition to the courses listed here, the Department participates in the Honors Program of the School of Arts and Sciences.

## Education (EDUC)

*Associate Professor Brown*

*Assistant Professors Keiler, Stobr-Hunt*

*Field Placement Director Moore*

*Curriculum Materials and Technologies Center Director Joyce*

### State-Approved Teacher Licensure Programs at the University of Richmond

The University of Richmond was first granted an Approved Teacher Education Program by the Virginia State Board of Education in 1972. Since that time the University's Department of Education has maintained approved program status and, as such, participates in reciprocity of licen-

sure with states that have interstate agreements with Virginia. Currently Virginia has licensure reciprocity with 39 states 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 are subject to change.

### Title II Results

For the most current data regarding the pass rates of students in our programs, visit our Web site at: [www.richmond.edu/academics/a&s/education](http://www.richmond.edu/academics/a&s/education).

### The Education Minor

Students seeking teacher licensure in the state of Virginia cannot major in Education. They must major in another liberal arts area and complete a teacher licensure program. **Education is not, therefore, an academic major at the University of Richmond. Students who complete the requirements of a Teacher Preparation Program will receive a minor in Education.**

### Teacher Preparation Program and the Liberal Arts Major

The Teacher Preparation Program at the University of Richmond prepares students to teach at the Elementary level (preK-6), the Secondary level (6-12) or Comprehensive level (preK-12). Students seeking an Elementary (preK-6) license may major in any liberal arts discipline. Students seeking a Secondary (6-12) or Comprehensive (preK-12) license must meet the requirements for a major which is compatible with one of the following licensure (endorsement) areas:

- Art
- Computer Science
- English
- Foreign Language – French
- Foreign Language – German
- Foreign Language – Latin
- Foreign Language – Spanish
- History and Social Science
- Mathematics
- Science – Biology
- Science – Chemistry
- Science – Physics

**Students majoring only in Business or Leadership are not eligible for a teaching license in Virginia.**

## Program Objectives

The Teacher Preparation Program at the University of Richmond is structured to assist students in achieving (1) knowledge of public education as a contemporary institution—its functions and governance; (2) an understanding of the philosophical, sociological, psychological, and historical foundations of education; (3) an understanding of student development with emphasis on student learning and achievement; (4) familiarity with the intellectual, social, emotional, and physical characteristics of students which affect the learning process; (5) knowledge of instructional techniques, materials, and procedures pertinent to particular content areas and grade levels; (6) competency in planning, implementing, and evaluating classroom instruction; (7) competency in establishing and maintaining an orderly and supportive classroom environment.

## Teacher Education Advisory Committee

A committee appointed by the Dean of the School of Arts and Sciences and composed of members of the Arts and Sciences faculty, faculty of the Department of Education, and public school personnel advises the Department of Education on matters related to the ongoing evaluation and coordination of the Teacher Preparation Program.

## Admission to the Teacher Preparation Program

Students must go through a formal application process and be admitted to the Teacher Preparation Program. The application process takes place while students are taking Education 205. For details of the process and application criteria, see the chronology below.

## Teacher Licensure Program Chronology

(Transfer students may need an extra semester or year to complete the requirements for licensure.)

### Year One

Students interested in becoming teachers should contact the Department of Education during their first year at the University and arrange to meet with a faculty advisor.

### Year Two

Students begin the education sequence by taking Education 205. While taking Educa-

tion 205, students must submit a formal application to the Teacher Preparation Program and arrange to take Praxis I. To be eligible for admission to the program, students must (1) have achieved a cumulative grade point average of 2.70, (2) earned a grade of B- (2.7) or better in Education 205, and (3) received passing scores on all three sections of Praxis I.

### Year Three

Students enroll in the sequence of courses for either elementary, secondary, or comprehensive education. During the spring semester of this year, students also apply for the student teaching experience that will occur during the fall semester of the fourth year. Students must maintain a cumulative grade point average of 2.70 to be eligible for student teaching.

### Year Four

Students enroll in and complete the semester-long teaching experience and the accompanying seminar. Students also complete Career Development Center placement file and licensure application forms. **(The Department of Education will forward licensure applications and recommendations for licensure only for those students who complete the student teaching experience through the University of Richmond.)**

Students should take the appropriate Praxis II if this is required for their licensure area. Students must receive passing scores on Praxis II to be eligible for a license. Students should consult their faculty advisor in the Department of Education for information about this requirement.

## Academic Requirements

Only students who maintain a cumulative grade point average of 2.70 and perform satisfactorily in field experiences will be permitted to remain in the Teacher Preparation Program. Coursework in Education in which a grade of less than B- (2.70) is received must be repeated. A student who earns less than a B- (2.70) in two Education courses will not be permitted to remain in a Teacher Preparation Program.

## Licensure of Teachers

Licensure application forms may be obtained from, and when complete should be returned to, the Department of Education at the University of Richmond.

With the licensure application, students must also submit (1) official transcripts of all college work including transfer credit, (2) passing scores on the required Praxis tests, and (3) a check, money order, or cashier's check made payable to the State Department of Education to cover the application fee.

Upon satisfactory completion of degree requirements and the University's Approved Teacher Education Program, and upon receipt of the required licensure materials, the Virginia State Department of Education will issue a Collegiate Professional License which is valid for five years and renewable with additional professional and/or college credit.

## Elementary Education (preK-6) Sequence

### Education (EDUC)

- 205 Foundations of Teaching and Learning, 3
- 305 Elementary Classroom Management and Curriculum, 4
- 323 Science in the Elementary School, 3
- 324 Reading in the Elementary School, 4
- 325 Language Arts in the Elementary School, 3
- 327 Mathematics in the Elementary School, 3
- 328 Social Studies in the Elementary School, 3
- 343 Integrating Technology Across the Curriculum, 3
- 475 Student Teaching, Elementary Education (preK-6), 12
- 479 Elementary Student Teaching Seminar, 2

## Secondary (6-12) and Comprehensive Education (preK-12) Sequence

### Education (EDUC)

- 205 Foundations of Teaching and Learning, 3
  - 342 Instructional Design and Evaluation, 4
  - 343 Integrating Technology Across the Curriculum, 3
  - 350 Content Area Reading, 3
  - 358 Secondary Classroom Management and Curriculum, 3
  - 480 Secondary/Comprehensive Student Teaching Seminar, 2
  - 490 Research and Analysis of Teaching, 3
- One of the following courses:
- 477 Student Teaching, Secondary Education (6-12), 12

- 478 Student Teaching, Comprehensive Subject Endorsement Area (preK-12), 12

## Secondary and Comprehensive Subject Area Endorsement Requirements

Licensure requirements for some endorsement areas include particular courses in the academic major and/or a related field. Consult the section that follows for the requirements for each endorsement area.

### ART ENDORSEMENT (preK-12)

Students seeking the Art endorsement must meet the requirements of the Studio Art major.

### COMPUTER SCIENCE ENDORSEMENT

Students seeking the Computer Science endorsement must meet the requirements of the Computer Science major.

### ENGLISH ENDORSEMENT

Students seeking the English endorsement must meet the requirements of the English major. Their coursework in English must include the following:

- English 381 Modern Grammar, 4
- English 383 Introduction to Composition Theory and Pedagogy, 4

### FOREIGN LANGUAGE ENDORSEMENTS (preK-12)

#### French

Students seeking the French endorsement must meet the requirements of the French major and also take the following course:  
Modern Languages 410  
The Teaching of a Modern Foreign Language, 3

#### German

Students seeking the German endorsement must meet the requirements of the German major and also take the following course:  
Modern Languages 410  
The Teaching of a Modern Foreign Language, 3

#### Latin

Students seeking the Latin endorsement must meet the requirements of the Latin major and also take the following course:  
Latin 411  
The Teaching of High School Latin, 3

#### Spanish

Students seeking the Spanish endorsement must meet the requirements of the Spanish major and also take the following course:  
Modern Languages 410  
The Teaching of a Modern Foreign Language, 3

**Additional Foreign Language Endorsements**

Students completing the requirements for an endorsement in French, German, or Spanish may add an endorsement in a second modern language by completing 24 hours of coursework above the intermediate level in the second language.

**HISTORY AND SOCIAL SCIENCE ENDORSEMENT**

Students seeking the history and social science endorsement must meet the requirements of the History major. Students seeking this endorsement must also take the following courses:

**Political Science (PLSC)**

220 Introduction to American Government, 3

**Economics (ECON)**

Three hours of coursework.

**Geography (GEOG)**

Three hours of coursework.

**MATHEMATICS ENDORSEMENT**

Students seeking the Mathematics endorsement must meet the requirements for either the Bachelor of Arts or Bachelor of Science degree in mathematics.

**SCIENCE ENDORSEMENTS****Biology**

Students seeking the Biology endorsement must meet the requirements of the Biology major.

**Chemistry**

Students seeking the Chemistry endorsement must meet the requirements of the Chemistry major.

**Physics**

Students seeking the Physics endorsement must meet the requirements for the Bachelor of Science degree in Physics.

**Additional Science Endorsements**

Students completing the requirements for an endorsement in Biology, Chemistry, or Physics may add an endorsement in a second science by completing 18 hours of coursework in the second science.

**ADD-ON ENDORSEMENT REQUIREMENTS**

Students who meet the endorsement requirements in any teaching area may apply for an add-on endorsement if they meet the requirements for a minor that is compatible with one of the following licensure (endorsement) areas:

Computer Science

Dance (preK-12)

Journalism

Mathematics – Algebra I

Speech Communication

Theatre Arts (preK-12)

**Education Courses (EDUC)**

**205 Foundations of Teaching and Learning.** Introductory analysis of education. Readings from various texts provide exposure to historical, philosophical, sociological and legal issues of education. Emphasis will be placed on learning theory, curriculum theory, and the link between child development and instruction. Particular attention will be given to recently developed approaches to teaching and learning. *3 sem. hrs.*

**206 Perspectives on Learning.** Learning theory, curriculum theory, and the link between child and adolescent development and instruction. Understanding of the physical, social, emotional, and intellectual development of children and the ability to use this understanding in guiding learning experiences. *Prerequisite:* Departmental approval. *1 sem. hr.*

**305 Elementary Classroom Management and Curriculum.** Research, theory, and practice of classroom management. Comparison of variety of approaches and their outcomes. Strategies for maximizing learning time, increasing motivation, and addressing inappropriate behavior. In addition, critical examination of goals, content, and methods of elementary schooling will be stressed. Emphasis will be placed on curriculum theory and meeting needs of special students. Includes one semester hour of field laboratory in grades 3-5. *Prerequisite:* EDUC 205. *4 sem. hrs.*

**312-313-314 Independent Study in Education.** Special projects and practical experience in educational programs. *1-2-3 sem. hrs.*

**316 Special Topics.** Accommodates special needs of teachers and school systems through use of selected contemporary topics, resource persons, and prepared programs; supports requests for professional development. Variable credit depending on course structure and time commitment. *1-3 sem. hrs.*

**319 Student Development Theory and Its Application to Residential Life.** Theoretical and experiential study of human behavior. Emphasis on self-awareness and growth, and its application to understanding students and their lives. Attention given to leadership skills in residential setting. Graded pass/fail. *Prerequisite:* Selection as Residential Life staff member or permission of instructor. *1 sem. hr.*

**322 Teaching Diverse Learners.** Examines the teaching, instruction, and curricula required to meet the needs of diverse students who, by virtue of their experiential, cultural, socioeconomic, linguistic, and

physiological backgrounds, challenge traditional curriculum and instructional programs. *3 sem. hrs.*

**323 Science in the Elementary School.** Theories, research, methods and materials relevant to teaching elementary science to diverse learners; reviews fundamental science concepts from Earth science, biology, chemistry, and physics, while discussing nature of science and scientific inquiry and historical development of scientific concepts and scientific reasoning. Additional experience with technology in science instruction. *Prerequisite:* Education 305. *Corequisite:* Education 327. *3 sem. hrs.*

**324 Reading in the Elementary School.** In-depth examination of complex nature of language acquisition and reading, to include: phonemic awareness, understanding of sound/symbol relationships, explicit phonics instruction, syllables, phonemes, morphemes, decoding skills, word attack skills, and knowledge of how phonics, syntax, and semantics interact. Additional study to include strategies to foster comprehension and independent reading. Includes one semester hour of field laboratory in grades K-2. *Prerequisite:* Education 305. *Corequisite:* Education 325. *4 sem. hrs.*

**325 Language Arts in the Elementary School.** Theories, research, methods and materials relevant to teaching elementary language arts to diverse learners; reviews knowledge, skills, and processes necessary for teaching writing, including grammar, punctuation, spelling, syntax, etc. Includes study of selected children's literature and literature appreciation. Additional experience with technology in language arts instruction. *Prerequisite:* Education 305. *Corequisite:* Education 324. *3 sem. hrs.*

**327 Mathematics in the Elementary School.** Theories, research, methods and materials relevant to teaching elementary mathematics to diverse learners; reviews fundamental mathematical concepts, including the nature of mathematics, number systems, number theory, algebra, geometry, and probability and statistics. Additional experience with technology in mathematics instruction. *Prerequisite:* Education 305. *Corequisite:* Education 323. *3 sem. hrs.*

**328 Social Studies in the Elementary School.** Theories, research, methods and materials relevant to teaching elementary social studies diverse learners; reviews fundamental concepts in history, geography, government, civics, and economics. Additional experience with technology in social studies instruction. *Prerequisites:* Education 205 and Praxis I. *3 sem. hrs.*

**335 Assessment and Evaluation in Education.** Considers issues surrounding assessment in the school setting. Introduction to forms of assessment, including standardized, diagnostic, authentic, performance, and portfolio. Emphasis on procedures of construction, analysis, and evaluation of tests. *3 sem. hrs.*

**342 Instructional Design and Evaluation.** Process of establishing appropriate goals and objectives for instruction in middle and secondary schools targeting diverse learners. Use of objectives in planning of instruction and assessment, with attention to design of traditional and alternative assessment theories and practices. Development of wide variety of teaching methods addressing the needs of gifted, general and special education students, incorporating educational technology. Includes one semester hour of field laboratory. *Prerequisite:* Education 205. *4 sem. hrs. Corequisite:* Education 358.

**343 Integrating Technology Across the Curriculum.** Theory and pedagogy of using technology for instruction in all areas of PreK-12 curriculum. Includes current practice, skill building and exploration of resources to better prepare educators to fully understand the potential, the consequences, and future uses of instructional technology in teaching to address the needs of all learners. *Prerequisites:* Admission to the teacher preparation program and junior status. *3 sem. hrs.*

**344 Technology Practicum.** Practical experience in teaching children with and about technology and developing technology curriculum. Requires portfolio. Graded pass/fail. *Prerequisite:* Education 343 (may be taken concurrently). *1 sem. hr.*

**345 Curriculum Modifications for Inclusion.** Includes techniques and methodology for modifying instruction and assignments. Includes collaborative paradigms and assessment across the exceptionalities and the content areas, K-12. *Prerequisite:* Department approval. *3 sem. hrs.*

**350 Content Area Reading.** Reading and critical thinking in secondary school content areas. Specific strategies are explored that enhance comprehension, concept development, and vocabulary knowledge. Effects of text organization and relationship between reading and writing are examined for all content areas. *Prerequisite:* Education 342. *3 sem. hrs.*

**358 Secondary Classroom Management and Curriculum.** Research, theory, and practice of classroom management. Comparison of a variety of approaches and their outcomes. Strategies for maximizing learning time, increasing motivation, and addressing inappropriate behavior. Includes one semester hour of field laboratory. *Prerequisites:* Education 205 and Praxis I. *3 sem. hrs. Corequisite:* Education 342.

**451 Survey of Children's Literature.** Survey of modern and traditional literature with emphasis on evaluative criteria used in selecting books based on school and recreational needs and interests of children. Features storytelling, creative dramatics, and ways of integrating books into curriculum. *3 sem. hrs.*

**490 Research and Analysis of Teaching.** Research results are used to identify teacher behaviors and characteristics essential to effective instruction. Students will develop and demonstrate methodologies appropriate to meeting student needs. Classroom strategies are examined via micro-teaching demonstrations. Includes a one-semester-hour laboratory. *Prerequisite:* Education 480. *3 sem. hrs.*

### Student Teaching Courses (EDUC)

**475 Student Teaching, Elementary Education (preK-6).** Involves working directly with students in classroom on full-time basis under direction of cooperating teacher and University supervisor; student assumes full teacher responsibility for all instructional periods and school activities. Weekly seminar. Graded pass/fail; however, a comprehensive evaluation is completed for each student teacher. *Prerequisite:* Departmental Approval. *12 sem. hrs.*

**477 Student Teaching, Secondary Education (6-12)** (See description under Education 475.) *12 sem. hrs.*

**478 Student Teaching, Comprehensive Endorsement (preK-12).** (See description under Education 475.) *12 sem. hrs.*

**479 Elementary Student Teaching Seminar.** Seminar correlates with elementary student teaching. Forum for discussion and examination of critical issues related to students' teaching responsibilities and competence. *Corequisite:* Enrollment in Education 475. *2 sem. hrs.*

**480 Secondary/Comprehensive Student Teaching Seminar.** Seminar correlates with middle and secondary student teaching. Forum for discussion and examination of critical issues related to students' teaching responsibilities and competence. *Corequisite:* Enrollment in Education 477 or 478. *2 sem. hrs.*

## English (ENGL)

Raymond F. Hilliard, Chair

Professors Dance, Givens, Hickey, Hilliard, Loxterman, Nelson, W.D. Taylor

Associate Professors Barza, Gruner, Hewett-Smith, S. Jones, MacAllister, Russell, Schwartz, Tremaine

Assistant Professors Allen, Chbever, Larkin, Marx, Saal

Director of ESL Services Grove  
Director of Writing Center Essid

**Note:** Students must complete English 103 with a grade of *C* (2.0) or better before taking any other English courses. (This does not apply to students who are exempt from English 103 on the basis of an Advanced Placement or English Achievement score.) English 299, Introduction to Literary Analysis, is a prerequisite to all 300- and 400-level literature courses. (For possible exceptions, see below.) A grade of *C* (2.0) or

better is required in all coursework comprising the English major or the minor.

Courses beyond English 103 involve intensive reading and writing and carry four semester hours of credit.

### The English Major

Forty semester hours in English approved by the department as noted below.

English 299	4 hours
Two courses in British literature before 1660	8 hours
One course in British literature between 1660 and 1900	4 hours
One course in American literature before 1860	4 hours
One course in World literature	4 hours
Two additional advanced English courses	8 hours
Two English 400 seminars	8 hours

### The English Minor

Twenty-four hours in English approved by the department as noted below.

English 299	4 hours
One 300-level British literature course	4 hours
One 300-level American literature course	4 hours
Two additional advanced literature courses	8 hours
One English 400 seminar	

English 299 is a prerequisite to most 300- and 400-level English courses (for possible exceptions, see below under Advanced Literature Courses).

*English 400 may be taken more than once for credit when topic changes.*

### Honors Program

To earn honors in English, a major must complete English 498, Honors Tutorial (2 sem. hrs.). The student must also complete four hours of thesis writing (English 499, Honors Thesis). Credits earned for English 498 and 499 are in addition to the 40 credit hours required in the English major. Students must have attained a departmental GPA of 3.60 by the beginning of the fall semester of the senior year. The student must also maintain that GPA through the completion of the program and an overall GPA of no less than 3.30 while in the program. The thesis must be submitted to a faculty committee in the spring of the student's senior year. Honors will be granted only to those students whose theses meet departmental standards. Students should declare their intention to seek honors and meet with the Honors Coordinator in their sophomore year. Students who have not de-

clared by the second semester of their junior year are disqualified from further honors consideration. Those who have declared that they are seeking honors will be considered candidates until they fail to meet one of the program's requirements. For further information and advice on standards and curriculum, see the Honors Coordinator.

### Allied Fields Option

To enrich the value of the major in English by doing focused work in an Allied Field, students have the option of taking four courses in one of the following fields: Art History, Classics (literature in the original language or in translation), History, Philosophy, Religion, Theatre, and the following modern literatures: Chinese, French, German, Italian, Japanese, Russian, or Spanish. Students are expected to select four courses that seem relevant to, or that promise to complement, the study of English. In making the selections, a student must consult both with the major adviser in English and with a secondary adviser in the Allied Field. Students who successfully complete an Allied Field option will receive a certificate and a letter of recognition at the time of Commencement.

### Interdisciplinary Concentration in Medieval and Renaissance Studies for English Majors

See pages 152-153.

### Interdisciplinary Concentration in Dramatic Studies for English or Theatre Majors

See pages 151-152.

### Interdisciplinary Concentration in Comparative Literature for English Majors

See page 151.

### First- and Second-Year English Courses (ENGL)

**103 Introduction to Expository Writing.** Introduction to critical reading, thinking and writing across disciplines. Students must complete English 103 with grade of *C* (2.0) or better to meet Communications I, Expository Writing general education requirement and receive credit toward graduation. *3 sem. hrs.* (COM1)

### Field of Study Courses

*English 103 with a grade of C (2.0) or better or exemption is a prerequisite to all 200-level English courses.*

**203 Children's Literature.** Analysis of children's literature, from folk and fairy tales to today's stories, poems, and novels for children. *4 sem. hrs.* (FSLT)

**204 Literature and Culture.** Representation of cultural identity and experience in works drawn from diverse cultural traditions. *4 sem. hrs.* (FSLT)

**205 Latino/a Literature and Film.** Representative films and literary works created by U.S. writers and filmmakers from a variety of Latin American backgrounds. Explores questions of acculturation, identity, frontiers/borders, and mobility that have been the particular focus of these artists. *4 sem. hrs.* (FSLT)

**206 Selected Readings in American Literature.** Selected works reflecting one or more major patterns in American literature. Specific emphasis may change from term to term and will be announced each term. *4 sem. hrs.* (FSLT)

**207 Revolutionary American Literature.** Key texts, including political documents, essays, personal narratives, novels, plays, and poems, from the founding era when the young republic was trying to forge both a political and cultural identity for itself. *4 sem. hrs.* (FSLT)

**208 Twentieth-Century American Fiction.** Textual analysis of novels and shorter fiction representing diverse authors, themes, movements, and techniques. *4 sem. hrs.* (FSLT)

**214 Literature of India.** Explores the multiple strains of the Indian novel that have emerged over the past fifty years. *4 sem. hrs.* (FSLT)

**215 Reading Science Fiction.** Analysis of selected works of science fiction. *4 sem. hrs.* (FSLT)

**216 Literature, Technology and Society.** Literary and nonliterary texts that react, in a given society and period of history, to technological change and social effects of technology. *4 sem. hrs.* (FSLT)

**217 The Bible and Literature.** Study of representative texts from Hebrew bible and New Testament, and examination of their relationships to later works of drama, poetry, short stories, and the novel. *4 sem. hrs.* (FSLT)

**218 African Literature.** Representative works from written traditions in modern African literature. *4 sem. hrs.* (FSLT)

**220 Film Studies.** Introduces the methodology of film studies through close textual analysis of narrative film. Special attention paid to the international history of the medium, the language of production, and major critical approaches. *4 sem. hrs.* (FSLT)

**221 Introduction to Poetry.** Analysis of works by selected poets. *4 sem. hrs.* (FSLT)

**222 Short Fiction.** Rigorous textual analysis of short fiction as a means of defining its many formal and philosophical expressions. *4 sem. hrs.* (FSLT)

**223 The Modern Novel.** Analysis of selected 20th-century novels. *4 sem. hrs.* (FSLT)

**224 Great Novels.** Selected major novels of 18th, 19th, and 20th centuries. *4 sem. hrs.* (FSLT)

**225 Selected Fiction by Women.** Analysis and interpretation of novels and/or stories by women writers. *4 sem hrs.*

**226 Love and War in Medieval Literature.** Selected readings in medieval literature (some in translation), with focus on literary representations of love and war. *4 sem. hrs.* (FSLT)

**227 Life-Writing as Literature: Studies in Biography and Autobiography.** Study of resources, methods, and aims governing the re-creation of individual lives by writers of biography and autobiography. *4 sem. hrs.* (FSLT)

**228 World Drama.** Analysis of significant works, both traditional and contemporary. *4 sem. hrs.* (FSLT)

**230 Women in Modern Literature.** Modern woman's search for identity and struggle for self-realization through study of selected figures from 19th- and 20th-century literature. *4 sem. hrs.* (FSLT)

**231 African-American Literature.** Survey of major works of African-American literature with attention to oral traditional contexts. *4 sem. hrs.* (FSLT)

**232 Southern Fiction.** Fiction of both old and new South with attention to themes, techniques, and perspectives of the region. *4 sem. hrs.* (FSLT)

**233 Tradition and Renewal in Native American Literatures.** Selected works (songs, stories, novels, and poetry) representative of oral and written traditions of American Indian cultures. *4 sem. hrs.* (FSLT)

**234 Shakespeare.** Analysis of selected plays and poems from variety of critical perspectives. *4 sem. hrs.* (FSLT)

**235 Narratives of Personal Development.** Analysis of literature of personal growth and human development, from autobiography and biography to various forms of fictions—Bildungsroman, novels of education, fictionalized biography, autobiography in verse, etc. *4 sem. hrs.* (FSLT)

**236 On the Road: Literature of Quest and Pilgrimage.** Survey of literature of quest and pilgrimage with attention to issues of race and gender. *4 sem. hrs.* (FSLT)

**237 Literature of English-Speaking Peoples.** Comparative study of diverse literary traditions in the English language such as those of America, Britain, Ireland, India, and Australia. *4 sem. hrs.* (FSLT)

**238 Selected Readings in Caribbean Literature.** Analysis of literary works from the Caribbean representing various periods, areas, and groups. Focus

mainly on English-speaking Caribbean, but occasional focus on Spanish, Dutch, or French works in translation. *4 sem. hrs.* (FSLT)

**299 Introduction to Literary Analysis.** Essentials of close textual analysis with special attention to theory, critical vocabulary, and methodology of literary interpretation. The focus will vary from one section or semester to the next, emphasizing technique and meaning of fiction, poetry, or drama. *4 sem. hrs.* (FSLT)

### Advanced Literature Courses (ENGL)

(Non-majors and non-minors lacking the stated prerequisites, including English 299, may be admitted by permission of instructor if they have completed either English 103 or a 200-level FSLT English course.)

### Courses in British Literature

*Majors must take two courses at the 300-level in British Literature prior to 1660 and one course at the 300-level in British Literature between 1660 and 1900. These courses may be period surveys, courses in a single author, or courses in a special topic. English 310 and 320 may be taken more than once for credit as their contents change. Students may also count English 390 as one of their two pre-1660 courses.*

#### British Literature Before 1660

**301 Literature of the Middle Ages.** Studies in British and Continental medieval literature from Beowulf through the 15th century with attention to social, cultural, and political backgrounds. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**302 Literature of the English Renaissance.** Studies in literature and cultural traditions of 16th- and early 17th-century Great Britain. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**303 Chaucer.** Selected early works, *Troilus and Criseyde*, and *The Canterbury Tales*, with attention to Chaucer's life in context of late 14th-century culture and ideology. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**304 Shakespeare.** Selected plays by Shakespeare grouped according to genre. The course will alternate between investigating the histories and tragedies and the comedies and romances. May be taken more than once for credit with permission of instructor as content changes. *4 sem. hrs.*

**305 Critical Approaches to Shakespeare.** Selected plays, with attention to different modes of critical analysis. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**306 Milton.** Detailed study of the life and work of John Milton with attention to cultural, political, and intellectual backgrounds. Selected major and minor poems and prose with emphasis on *Paradise Lost*.

*Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**310 Topics in British Literature Before 1660.** Selected topics in British Literature from the 7th through the later 17th century, with attention to intellectual backgrounds and cultural context. Topics will vary by semester. May be taken more than once for credit. Recent topics have included Romance, Allegory, and Mysticism in Medieval Literature; and Eros, Magic, and the Divine in the Renaissance Imagination. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

*(English 390 also counts as a pre-1660 British Literature course.)*

#### British Literature Between 1660 and 1900

**311 English Literature of the Restoration and 18th Century.** Focus on representative British authors of the late seventeenth and eighteenth centuries. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**312 English Literature of the Romantic Movement.** Focus on major British authors of the early 19th century with some attention to European currents and backgrounds. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**313 English Literature of the Victorian Period.** Focus on representative British authors, 1832-1901, with attention to contemporary social, political, religious, and scientific issues. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**320 Topics in British Literature 1660-1900.** Selected topics in British Literature between 1660 and 1900. Topics may include, for example, the Victorian Novel, Romantic Narrative Poetry, Restoration Comedy, or studies in a single author. Recent titles have included *The Idea of the Child* in 19th-Century Literature and Religion and Romantic Literature. May be taken more than once for credit. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

### Courses in American Literature before 1860

**321 Early American Literature.** Analysis of major texts produced in colonial British North America and the United States from the first European voyagers to North America in the early 17th century to the writers of the Early National Period. *Prerequisite:* English 299 or American Studies 201 with grade of *C* (2.0) or better. *4 sem. hrs.*

**322 Literature of the American Revolution.** Close study of major literary, political and cultural texts and concerns of the Revolutionary and Early National periods. May often focus on questions related to the formation of a distinctly American culture that arises in the written works of the time. *Prerequisite:* English 299

or American Studies 201 with grade of *C* (2.0) or better. *4 sem. hrs.*

**325 Age of the American Renaissance.** Readings in the traditional American Renaissance canon—Emerson, Hawthorne, Thoreau, Melville, and Whitman—as well as other writers working in the period, such as Poe and Dickinson. *Prerequisite:* English 299 or American Studies 201 with grade of *C* (2.0) or better. *4 sem. hrs.*

**326 From Revolution to Romanticism: American Fiction Through 1860.** Selected American novels and short fiction from the early national period through the Civil War, with attention to the political and cultural contexts of these works. *Prerequisite:* English 299 or American Studies 201 with grade of *C* (2.0) or better. *4 sem. hrs.*

**330 Special Topics in American Literature Before 1860.** In-depth treatment of topics in American literature before 1860. Topics vary from semester to semester. *Prerequisite:* English 299 or American Studies 201 with grade of *C* (2.0) or better. *4 sem. hrs.*

### World Literature Courses (ENGL)

*The world of literatures outside the predominant British and American traditions. English majors must take one from among the following courses.*

**331 Literatures of Africa.** Survey of major writers from the African continent, with attention to historical and cultural contexts and to African oral traditions. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**332 Literatures of the Caribbean.** Survey of Anglo-Caribbean literatures with emphasis on contemporary works. Occasional studies of Spanish, Dutch, or French works in translation. *Prerequisite:* English 299 or International Studies 201 with grade of *C* (2.0) or better or permission of instructor. *4 sem. hrs.*

**333 Literatures of South Asia.** An exploration of the multiple strains of the Indian novel that have emerged since 1950. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**334 American Indian Literatures.** An examination of non-Western elements of representative traditional and contemporary American Indian oral and written verbal art. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**335 Black Women Writers.** Study of major works by Black women writers from Africa, the Caribbean, and the United States. Focus and content will be announced each semester. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**336 Literatures of Globalization.** Selected contemporary fiction and criticism that considers problems of global economy, culture, and language. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**337 Postcolonial Literatures.** Survey of major debates and movements in postcolonial literature, with attention to cultural contexts. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**338 Versions of Tragedy.** An exploration of the nature and function of tragedy in the West, based on a study of the theory of tragic drama and of representative works from the Greeks to the moderns. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**339 Epic Traditions.** The development of the epic, including works by Homer, Virgil, Dante, and James Joyce. Particular attention will be paid to the role of epic poetry in formulating notions of history and of national and cultural identity. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**345 Topics in World Literature.** Topics stated for term; may change from term to term. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

### Other Advanced English Courses

**346 Twentieth-Century British Literature.** Reflections of modern sensibility in fiction and poetry of native British and Irish authors and American expatriates. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**347 Topics in Twentieth-Century British Literature.** Selected topics in British Literature 1900-2000. Topics vary by semester. May be taken more than once for credit. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**348 Modernist Sexuality.** British fiction in the context of early-20th century study on sexuality, including psychoanalysis, sexology, and anthropology. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**349 Late Imperial Fiction.** Late 19th- and early-20th-century British fiction and culture in the decades before decolonization. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**353 American Realism and Regionalism.** American fiction of the late-19th century, with attention to the formation of a national literary culture and the concomitant development of regional voices. Authors studied may include Henry James, Mark Twain, and Edith Wharton. *Prerequisite:* English 299 or American Studies 201 with grade of *C* (2.0) or better. *4 sem. hrs.*

**354 Literature of the American South.** Representative poetry and prose of the Southern states, with attention to cultural, social, and political backgrounds. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**355 Race and Ethnicity in American Literature.** Literature by American writers dealing with issues of

racial or ethnic identity studied in relation to historical contexts. May be taken more than once as content changes. *Prerequisite:* English 299 or American Studies 201 with grade of *C* (2.0) or better or permission of instructor. *4 sem. hrs.*

**356 Twentieth-Century American Poetry.** Analysis of representative works by major American poets, with demonstration of modern technical innovations and discussions of thematic concerns. *Prerequisite:* English 299 or American Studies 201 with grade of *C* (2.0) or better. *4 sem. hrs.*

**357 From Modernism to Postmodernism: Twentieth-Century American Fiction.** Attention to new concerns and new forms of fiction in the 20th century. *Prerequisite:* English 299 or American Studies 201 with grade of *C* (2.0) or better or permission of instructor. *4 sem. hrs.*

**358 African-American Women Writers.** Representative prose and poetry written by African-American women. Focus and content announced each semester. *Prerequisite:* English 299 or English 230 with grade of *C* (2.0) or better or permission of instructor. *4 sem. hrs.*

**359 Contemporary American Literature.** Close study of important recent texts (fiction, poetry, and/or drama by U.S. authors or other contemporary writers who strongly influenced them) with respect to their special social, philosophical, and aesthetic contexts. *Prerequisite:* English 299 or American Studies 201 with grade of *C* (2.0) or better or permission of instructor. *4 sem. hrs.*

**360 Studies in the American Novel.** Selected American novels that may be drawn from the 18th century to the present; period or topic of study will vary. *Prerequisite:* English 299 or American Studies 201 with grade of *C* (2.0) or better. *4 sem. hrs.*

**365 Modern Drama.** British and American drama with attention to European backgrounds. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**366 Contemporary British and American Drama.** Developments since World War II. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**368 History and Aesthetics of Film.** Topics include major international directors, the conventions and innovations of popular genres, and key aesthetic movements. (Same as Art 370.) *Prerequisite:* English 299 or 220 with grade of *C* (2.0) or better. *4 sem. hrs.*

**369 American Culture/American Film.** Explores the intersection of American film and culture, with special attention to the dialogue between Hollywood and other institutions, ideologies, and events. Specific topics vary from semester to semester. *Prerequisite:* English 299 or 220 with grade of *C* (2.0) or better. *4 sem. hrs.*

**370 Literature and Film.** Examines the filmic adaptation of literary works—the Shakespearean drama, the 19th-century novel—with particular consideration given to questions of genre, interpretation, and historical relevance. *Prerequisite:* English 299 or 220 with grade of *C* (2.0) or better. *4 sem. hrs.*

**372 Topics in Film.** Topics vary from semester to semester. Possible subjects include New Deal Hollywood, Conspiracy: Hollywood and the Cold War, Seeing Red: Films of the 1950s. *Prerequisite:* English 299 or 220 with grade of *C* (2.0) or better. *4 sem. hrs.*

**375 Critics since Plato.** Ways of looking at art and literature in their philosophical context. Theories applied to variety of literary texts. *Prerequisites:* English 299 and three semester hours of 300-level English with grades of *C* (2.0) or better. *4 sem. hrs.*

**376 Modern Literary Theory.** Developments in literary theory from Formalism to the present. Schools and approaches include New Criticism, Feminism, Marxism, Structuralism, Deconstruction, Psychoanalytic Criticism, New Historicism, and Cultural Studies. *Prerequisites:* English 299 and three semester hours of 300-level English with grades of *C* (2.0) or better. *4 sem. hrs.*

**377 Poetics.** How creative tools available to poets shape and influence presentation of theme. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**378 The Novel in Theory and Practice.** Considers novels in the context of a variety of theoretical approaches, asking what theory can tell us about the novel and, equally importantly, what the novel can tell us about theory. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**381 Modern Grammar.** Introduction to linguistics, including theories and practices of structuralists and transformationalists. (Meets state licensure requirements for teaching. Modern Language (MDLG) 407, Topics in Linguistics, may be substituted for this licensure requirement.) *Prerequisite:* English 103 with grade of *C* (2.0) or better. *4 sem. hrs.*

**382 Topics in Advanced Composition.** Special topics in writing with emphasis on the writing process. Can be taken for credit up to three times with change of topic. *Prerequisite:* English 299 or any 200-level English course with grade of *C* (2.0) or better. *4 sem. hrs.*

**383 Introduction to Composition Theory and Pedagogy.** Serves as practicum for writing fellows and students seeking teacher licensure. *Prerequisite:* Permission of instructor. *4 sem. hrs.*

**384 Creative Writing.** Introduction to general principles. Students' fiction and poetry receive critical evaluation through workshops and conferences. *Prerequisite:* English 299 or four semester hours of

200-level English with grade of *C* (2.0) or better. *4 sem. hrs.*

**385 Creative Writing: Fiction.** Analysis of literary models. Discussion and evaluation of students' own fiction. *Prerequisite:* English 299 or four semester hours of 200-level English with grade of *C* (2.0) or better. *4 sem. hrs.*

**386 Creative Writing: Poetry and Drama.** Analysis of literary models. Discussion and evaluation of students' own poetry and drama. *Prerequisite:* English 299 or four semester hours of 200-level English with grade of *C* (2.0) or better. *4 sem. hrs.*

**388 Individual Internship.** Application of academic skills and theories in placement approved by department. Includes academic work. Supervised by member of the English faculty. Approximately 50 hours of work required for each hour of credit. No more than four semester hours of credit may be earned in English 388. *Prerequisites:* Three semester hours of 300-level English with grade of *C* (2.0) or better, written application in advance of internship, and recommendation of the English faculty member who will supervise the internship. *1-4 sem. hrs.*

**389 Women and Creativity.** Selected women writers, their work, and relationship to their society. *Prerequisite:* English 299 or Women's Studies 220 with grade of *C* (2.0) or better. *4 sem. hrs.*

**390 Interdisciplinary Studies in the Middle Ages and Renaissance.** An interdisciplinary approach to the study of Middle Ages and Renaissance. Medieval and Renaissance perspectives on topics such as love, politics, individualism, and the divine will be explored through study of selected works from literature, art, architecture, political theory, theology, and philosophy of both periods. Modern historiographical studies will also be examined in order to evaluate strengths and weaknesses of period constructions. *4 sem. hrs.*

**391 Themes and Methods in Comparative Literature.** Interdisciplinary approach to selected themes or topics in Comparative Literature. While theme may vary from year to year, it will provide basis for the study of literary relations as they exist across various boundaries: generic, historical, disciplinary, and linguistic. Will also contain component on history and theory of Comparative Literature as a discipline, as well as brief unit on journals, bibliographies, and resources particular to the discipline. *Prerequisite:* English 299 with grade of *C* (2.0) or better. *4 sem. hrs.*

**398 Independent Study.** Individually designed course of study conducted under supervision of faculty member. *Prerequisite:* Approval of directing faculty member. *1-4 sem. hrs.*

**399 Selected Topics.** Topics will vary from semester to semester. *4 sem. hrs.*

**498 Honors Tutorial.** Tutorial program for Honors students. *2 sem. hrs.*

**499 Thesis Direction.** Research and writing of Honors Thesis in English. *4 sem. hrs.*

### Seminar Requirement (ENGL)

**400 Junior/Senior Seminar.** In-depth treatment of topics in genre, historical periods, critical theory, and other areas of literary study. Topics vary from semester to semester. Recently offered topics include Romance, Picaresque Fiction, the Novels of George Eliot and Elizabeth Gaskell, and Poetry of the Native American Renaissance. English majors are expected to take one advanced seminar in the junior year and at least one in the senior year. May be taken more than once for credit, provided topics are different. *Prerequisites:* English 299 and two 300-level English courses with grade of C (2.0) or better. *4 sem. hrs.*

Students who have at least a 3.5 GPA in the English major may seek permission to take a 500-level M.A. seminar as a substitute for English 400. Students may also seek permission to take appropriate 400-level seminars in American Studies as courses that satisfy the seminar requirement in the English major.

### Additional Courses (ENGL)

The following courses may be taken for credit toward the 122 hours required for graduation, but may not be counted in the hours required for the English major.

**100A-100B Interdisciplinary Writing.** Provides students with critical writing/reading skills within interactive computer classroom. Focus on frames of inquiry which inform various academic disciplines. Part I (100A) includes introduction to computer technology and critical reading and writing with emphasis on personal responses to individual texts (visual and print) drawn from across disciplines, along with a short research-based assignment. Part II (100B) includes continuation of critical reading and writing with emphasis on cross-disciplinary texts, library skills orientation, research-based assignment, oral presentations, and collaboration on creating a Web site. (Limited to Summer College students). *1-1 sem. hrs.*

**140 English as a Second Language and American Culture.** Aims to help international students who speak English as a second language to improve their proficiency in English and understand U.S. culture simultaneously, through reading materials, videos, guest speakers, and research that students themselves conduct. *2 sem. hrs.*

## Environmental Studies (ENVR)

*John W. Bishop, Coordinator*

*Professor Bishop (Biology and Environmental Studies)*

*Assistant Professors Harrison (Environmental Studies and Geography)*

The environmental studies major consists of courses in the natural sciences, social sciences, humanities, law, and business.

### The Environmental Studies Major

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

For the Bachelor of Arts degree, ENVR 201, 230, 269, 301, 362, 391-392, and fifteen credit hours of electives approved for Environmental Studies, including six hours in Natural Sciences, three in Social Sciences, and three in Humanities. At least two hours must include experiential learning. The natural science courses must include one course from the following list, and one course that does not appear on this list: CHEM 110, CHEM 316, or ENVR 250.

For the Bachelor of Science degree, same as for B. A. plus MATH 212 and 6 credit hours in natural science courses at or above the 300 level.

Note: Credit toward the Environmental Studies Major will be given for either CHEM 110 and CHEM 316, but not both.

### Environmental Studies Courses (ENVR)

**201 Introduction to Environmental Studies.** Foundation course for Environmental Studies. Examines a previous environmental problem and attempted solutions from the perspectives of the natural sciences, social sciences, and humanities. *3 sem. hrs.*

**230 Environmental Economics.** (See Economics 230) *Prerequisite:* Economics 101. *3 sem. hrs.*

**250 Introduction to Earth Systems and Physical Geography.** (See Geography 250; Same as Biology 250.) *3 sem. hrs.*

**260 Introduction to Geographic Information Systems.** (See Geography 260; Same as Biology 260.) *3 sem. hrs.*

**269 Environmental Ethics.** (See Religion 269.) *3 sem. hrs.*

**300 Special Topics.** Selected topics about the environment. *1-4 sem. hrs.*

**301 Environmental Research Methods.** Strategies of data collection and methods of evaluating and interpreting data on the environment. Emphasis on

multidisciplinary sources of data and problems inherent in analyses of data derived from such diverse sources as sociology, epidemiology, ecology and laboratory experimentation. *Prerequisite:* ENVR 201. *3 sem. hrs.*

**330 Environmental and Resource Economic Theory.** (See Economics 330.) *Prerequisite:* Economics 271. *3 sem. hrs.*

**360 Environmental Remote Sensing.** (See Geography 360; Same as Biology 360.) *Prerequisite:* Environmental Studies 260 or Biology 260 or Geography 260 or permission of instructor. *3 sem. hrs.*

**362 Environmental Law and Policy.** (See Political Science 362.) *Prerequisite:* Environmental Studies 201 or Political Science 260. *3 sem. hrs.*

**391-392 Environmental Senior Seminar.** Close study of a current environmental problem. In 391, students master the literature from different disciplines related to the problem. In 392, students develop a project to address the problem, such as legislation, science research, a program of public education, or a change in local or state policies. Students will use and integrate approaches and skills from the Environmental Studies core and electives. *Prerequisite:* Environmental Studies 301. *3-3 sem. hrs.*

### Environmental Studies Electives

#### Natural Sciences

##### Biology (BIOL)

250 Introduction to Earth Systems and Physical Geography

260 Introduction to Geographic Information Systems

306 Systematic Botany \*

318 Field Biology \*

330 Ecology \*

332 Tropical Marine Biology \*

333 Microbial Ecology \*

334 Oceanography \*

335 Freshwater Biology \*

341 Animal Physiological Ecology \*

344 Behavioral Ecology \*

360 Environmental Remote Sensing \*

371 Urban Ecology

383 Tropical Biology & Conservation \*

##### Chemistry (CHEM)

110 Pollutants in the Environment<sup>3</sup>

316 Environmental Chemistry \*<sup>3</sup>

### Social Sciences

#### Economics (ECON)

211 Economic Development in Asia, Africa, & Latin America \*

360 Environmental and Resource Economic Theory \*

#### International Studies (IS)

301 Dependency & Development: An Introduction to the Third World

#### Management Systems (MSYS)

348 Environmental Management \*

#### Political Science (PLSC)

260 Introduction to Public Policy<sup>1</sup>

360 International Development Policy \*

#### Sociology and Anthropology (SOC, ANTH)

315 Population \*

### Humanities

#### English (ENGL)

233 Tradition & Renewal in Native American Literatures \*<sup>1</sup>

#### Journalism (JOUR)

304 Reporting on the Environment \*<sup>2</sup>

#### History (HIST)

395 Food & Power in Africa and Asia

\* denotes courses that have prerequisites

<sup>1</sup> denotes courses that satisfy a field-of-study requirement

<sup>2</sup> permission of instructor needed for ES students without prerequisites

<sup>3</sup> students may receive ES elective credit for CHEM 110 or CHEM 316, but not for both courses

## Geography (GEOG)

### Geography Courses (GEOG)

**206 World Regional Geography—Developed Regions.** World's economically developed areas (Europe, North America, Australia, CIS [former Soviet Union], Japan). *3 sem. hrs.*

**207 World Regional Geography—Developing Regions.** World's economically developing areas (Middle America, South America, Southwest Asia, Southeast Asia, India, China, Africa, Middle East). *3 sem. hrs.*

**250 Introduction to Earth Systems and Physical Geography.** Basic concepts of earth systems science and physical geography. Includes earth-sun relation-

ships, weather and climate, environmental hydrology, landforms and geomorphology, climate change, and human-environment interactions. (Same as Biology 250 and Environmental Studies 250.) *3 sem. hrs.*

**260 Introduction to Geographic Information Systems.** Concepts of mapping and spatial analysis using the *ArcView* GIS software package. Includes map analysis, data presentation, analysis of spatial relationships, the creation of spatial and tabular data, and the introduction of *ArcView* software extensions. (Same as Biology 260 and Environmental Studies 260.) *3 sem. hrs.*

**360 Environmental Remote Sensing.** Concepts of image acquisition, image interpretation and satellite remote sensing. Includes electromagnetic spectrum concepts, acquisition of image data, visual characteristics of vegetation and landforms, image interpretation, classification and transformation, and integration of remotely sensed imagery into other spatial analysis systems. Student research projects. (Same as Biology 360 and Environmental Studies 360.) *Prerequisite:* Environmental Studies 260 or Biology 260 or Geography 260 or permission of instructor. *3 sem. hrs.*

## History (HIST)

*Hugh A. West, Chair*

*Professors Bolt, Gordon, Kenzer, Treadway*

*Douglas Southall Freeman Professors Stuart Clark (Spring 2003), Daniel E. Sutherland (Spring 2004)*

*Associate Professors Bak, Mack-Shelton, Summers, H. West*

*Assistant Professors Basso, Blecher, Brandenberger, Drell, Holton, Lam, Watts*

*Joint Appointment: Wolf (Law)*

*Affiliated Faculty: Leary (University Professor), Roberts (Continuing Studies), Stevenson (Classics), Wheeler (Classics)*

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

### The History Major

Thirty-three semester hours in history, including a minimum of 24 hours at the 300 level or higher, distributed as follows:

United States	6 hours
History 205, 206, 220, 302-327	
Europe	6 hours
History 201, 202, 230-260, 329-367	
Asia, Latin America, Middle East, Africa	6 hours
History 270-285, 371-387	
Research Seminar for Majors	3 hours
History 400 (except for students in the honors program)	
Elective Courses	12 hours

**Note:** (1) Students may apply one International and Comparative History Course (History 392-396) to each of three regional fields above. (2) Courses offered under History 398, Selected Topics, will be assigned by the Chair, in consultation with the course instructor.

### The History Minor

Eighteen semester hours in history, including a minimum of nine hours at the 300 level or higher.

**Note:** Students who present a score of 5 or 4 on the Advanced Placement European History examination or a 7, 6, or 5 on the International Baccalaureate History of Europe higher-level examination receive credit for History 202 (three semester hours) and an additional three semester hours of 200 level history credit. Those who present a score of 5 or 4 on the Advanced Placement United States History examination receive credit for History 205-206 (six semester hours). Students who present a 7, 6, or 5 on the International Baccalaureate History of the Americas higher-level examination receive six hours of 200 level history credit. These credits may be applied to the history major (including the appropriate field requirements) and minor. Students who have received Advanced Placement credit for History 202 and History 205-206 may not take these courses for credit.

### Honors Program

Majors who meet the Arts and Sciences requirements for departmental honors are encouraged to apply for and pursue the honors program in history. To earn honors in history a student must complete 12 semester hours in honors courses—six in intensive readings seminars in historiography (History 410-411) and six in a two-semester research seminar (History 412-413). Honors students are exempt from History 400, but must satisfy all other requirements for the major. History 410 and 411 may be applied to any two field requirements in the major.

### Internships

The Department of History has a program of prearranged individual internships. Interested students should apply to the department for details.

### United States History Courses (HIST)

**205 The United States to 1877.** Analysis of American history through precolonial, colonial, revolutionary, early national, antebellum, Civil War, and Reconstruction periods. *3 sem. hrs.* (FSHT)

**206 The United States since 1877.** Analysis of American history through post-Reconstruction 19th century, Progressive, interwar, World War II, and post-World War II periods. *3 sem. hrs.* (FSHT)

**220 American Women from the Colonial Period to the Present.** Introduction to experience of women in history of America from colonial times to present. *3 sem. hrs.* (FSHT)

**302 Colonial America.** Colonial history from earliest British settlements to end of French and Indian War, 1763. *3 sem. hrs.*

**303 The American Revolution.** War of Independence and formation of the Republic, 1763-1788. *3 sem. hrs.*

**304 Early American Women.** American women of all ranks and ethnicities from the transatlantic encounter in 1492 to the Seneca Falls convention of 1848. Major themes include changing constructions of gender, political struggles, and interactions among women of native, African, and European origins. (Same as American Studies 304.) *3-4 sem. hrs.*

**305 The Civil War and Reconstruction.** Focus on slavery and sectional controversy, secession, and the war; political, economic, and social problems of Reconstruction. *3 sem. hrs.*

**306 Late Nineteenth-Century America.** Focus on social, economic, cultural and political development of United States from 1875 to 1900. *3 sem. hrs.*

**307 American Society and Culture 1920-1950: Jazz Babies, Breadlines, and Riveting Rosies.** U.S. society, politics, and culture in the "Roaring Twenties," Great Depression, and World War II. Sources include films, literature, music, visual iconography, government records, and news accounts. (Same as American Studies 307.) *3-4 sem. hrs.*

**313 History and Culture of the U.S. West: Myths and Realities.** The American West as both a physical place and mythic space with particular attention to its popular culture, multiracial communities, and gendered landscape. (Same as American Studies 313.) *3-4 sem. hrs.*

**315 The Civil War in Film and Literature.** Comparison of historians' treatment of the Civil War with its portrayal in documentaries, feature films, and literature. *3-4 sem. hrs.*

**317 The Old South.** Political, economic, social, and cultural developments in South, with emphasis on the period from 1790 to 1860. *3 sem. hrs.*

**321 American Immigration and Ethnicity.** (See American Studies 321.) *3 sem. hrs.*

**322 Jews in the American Mind.** (See American Studies 322.) *3 sem. hrs.*

**323 Psychology in American Society and Culture.** (See Psychology 437; Same as American Studies 323.) *4 sem. hrs.*

**327 American Diplomatic History since 1945.** Emphasis on Cold War, containment policy, détente, and Third-World challenges to America in Middle East, Asia, Africa, and the Caribbean. *3 sem. hrs.*

### European History Courses (HIST)

**201 Ideas and Institutions of Western Civilization I.** Topical study of western heritage from Classical Greece through Reformation. *3 sem. hrs.* (FSHT)

**202 Ideas and Institutions of Western Civilization II.** Topical study of western heritage from rise of modern political concepts in 17th century to present. *3 sem. hrs.* (FSHT)

**230 European Women and Gender before Suffrage.** Introduction to the history of women in Europe from ancient times through the 19th century. Focus on continuities and changes in the female experience in such historical moments as Ancient Greece, Reformation Germany, and the French Revolution. Source material includes women's diaries, letters, speeches, and philosophical treatises. *3-4 sem. hrs.* (FSHT)

**241 England to 1688.** Emphasis on institutional development, legal and constitutional history, the Tudors, and the civil war. *3 sem. hrs.* (FSHT)

**242 Britain from 1688 to the Present.** Emphasis on development of cabinet government, and expansion of political participation, economic and social change, and Britain's international role. *3 sem. hrs.* (FSHT)

**250 The Crucible of Modernity: Europe, 1660-1900.** Europe in 18th and 19th centuries with special attention to social arrangements, institutions, and attitudes that have come to be called "modern." *3 sem. hrs.* (FSHT)

**260 Twentieth-Century Europe.** Overview of European political, diplomatic, military, social, economic, and cultural history since 1900. *3 sem. hrs.* (FSHT)

**328 The Aegean Bronze Age.** Survey of the third and second millennia B.C.E. civilizations of the Aegean Sea basin and the interconnections between them and other major civilizations of the ancient Near East bronze age. *3-4 sem. hrs.*

**329 Classical Greece.** Greek history from end of the Bronze Age through career of Philip II of Macedon. *3 sem. hrs.*

**330 Hellenistic Greece and Republican Rome.** Investigation of rise of the Roman hegemony in context of the Hellenistic Mediterranean. Special attention given to role of Hellenistic kings. *3 sem. hrs.*

**331 The Roman Empire.** Study of how the Romans and their Byzantine followers maintained an empire in hostile atmosphere of the first five centuries of our era. *3 sem. hrs.*

**332 Medieval Italy.** Italy from the formation of the communes to the first stirrings of the Renaissance. Emphasis on the development of the commercial economy, differential development between North and South, the emergence of a strong Papal State, and the causes and effects of the Great Plague. *3-4 sem. hrs.*

**333 The Early Middle Ages.** Social and intellectual history of Europe from Late Antiquity to about the 11th century. Emphasis on the birth and development of the political and institutional successors to the Roman Empire. *3-4 sem. hrs.*

**334 The High Middle Ages.** Overview of some of the principal social, political, and cultural developments in Europe c. 1000-1450 with special attention to the increasing vitality of urban culture, the varying position of women, the formation of bureaucratic "states," and the emergence of such concepts as romantic love and individualism. *3-4 sem. hrs.*

**335 The Renaissance.** Culture, politics, economics, modern science, and overseas expansion of the Renaissance. *3 sem. hrs.*

**336 The Reformation.** Protestant and Catholic reformations and their impact on political, social, and economic conditions. Emphasis on religious and political thought. *3 sem. hrs.*

**337 Tudor England, 1485-1603.** Political, institutional, social, and cultural study emphasizing reigns of Henry VIII and Elizabeth I. *3 sem. hrs.*

**338 Stuart England, 1603-1714.** Emphasis on conflict between Stuarts and Parliament, Cromwell and the Civil War, the Restoration, and Revolutionary settlement. *3 sem. hrs.*

**340 Russia to 1855.** Survey of Russian history from establishment of Kievan state to middle 19th century. *3 sem. hrs.*

**341 France, 1589-1815.** History of the social, political, and economic institutions that helped shape the modern French state from the Age of Absolutism through the French Revolution and rise of Napoleon. *3 sem. hrs.*

**342 Family, Sex, and Marriage in Early Modern Europe.** Approach to study of Western European society and culture 1500-1800. Special focus on structures of kinship, fertility and the regulation of sex, and demographic, legal, and religious frameworks that shape the family and household. *3 sem. hrs.*

**343 History of Work in Europe.** Historical study of world of work in early modern and modern Europe. Focus on the nature of work itself, how it has 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 of labor. *3 sem. hrs.*

**351 Modern European Thought, 1650-1850.** Focus on nature and role of science, art, politics, religion, sex, emotion, and history. *3 sem. hrs.*

**352 Modern European Thought since 1850.** Focus on liberalism, Marxism, Freudianism, existentialism, and structuralism. *3 sem. hrs.*

**354 Modern Germany.** Prussia and Germany from 1848 to present. Emphasis on unification, political movements, Nazism, and origins and effects of World Wars I and II. *3 sem. hrs.*

**355 Georgian Britain, 1714-1837.** Constitutional, political, economic, social, and cultural developments in England, Scotland, and Ireland from accession of Hanoverians through Great Reform Bill. *3 sem. hrs.*

**356 Modern Britain.** Constitutional, political, economic, and social developments in the United Kingdom during Victorian era and 20th century. *3 sem. hrs.*

**357 The Habsburg Empire and After.** Survey of rise and fall of Habsburg Empire beginning with development of lands of the house of Habsburg from Middle Ages to Napoleonic era; political, military, diplomatic, economic, social, and cultural issues in Austrian (later Austro-Hungarian) Empire from Congress of Vienna to end of World War I; and the empire's successor states in Central Europe. *Prerequisite:* History 202, 250, or 260, or permission of instructor. *3 sem. hrs.*

**358 Modern Balkans.** Survey of Balkan history in modern times, focusing on development of Bulgaria, Romania, Albania, the Yugoslav lands, and Greece. *Prerequisite:* History 202, 250, or 260, or permission of instructor. *3 sem. hrs.*

**360 Russia since 1855.** Survey of Russian history from reforms of Alexander II to present. *3 sem. hrs.*

**364 The Early Soviet Union.** Union of Soviet Socialist Republics from ideological and political roots of Bolshevik Revolution in 1917 to outbreak of World War II. Special focus on Revolution, communist doctrine and movements, and Stalin's radical domestic policies. *3 sem. hrs.*

**365 The Late Soviet Union.** Union of Soviet Socialist Republics from outbreak of World War II to collapse of Soviet system. Special focus on domestic impact of World War II, rise of Cold War, attempts to reform and rationalize foreign and domestic policies under Stalin, and rapid disintegration of Soviet Union under Gorbachev. *3 sem. hrs.*

**367 European Diplomacy from Bismarck to Hitler.** Studies in European diplomatic history from mid-19th century to World War II. *Prerequisite:* History 202, 250, or 260, or permission of instructor. *3 sem. hrs.*

## Asian History Courses (HIST)

**270 East Asian Civilizations.** Survey of traditional East Asian thought, institutions, and culture, with focus on China, and secondarily Japan, from earliest times to 19th century. *3 sem. hrs.* (FSHT)

**371 Modern Asia.** Political, social, and economic development during 19th and 20th centuries. *3 sem. hrs.*

**372 Introduction to Chinese Civilization.** Survey of Chinese history to mid-19th century; intellectual, institutional, and cultural development. *3 sem. hrs.*

**373 Modern China.** Western impact on China, decay of the Qing, and revolutions of 19th century. *3 sem. hrs.*

**374 Japan in Premodern Times.** Development of Japan to 19th century. *3 sem. hrs.*

**375 Modern Japan.** Japan's response to Western pressures and rise to world power in 19th and 20th centuries. *3 sem. hrs.*

## Latin American History Courses (HIST)

**376 Imperial Spain and the Americas.** Spain's encounter with the Americas: rise of Imperial Spain; conquest of indigenous societies; formation and evolution of colonial Spanish America; and Spain's decline and breakup of empire. Emphasis on Hispanic and colonial roots of modern Latin America. *3 sem. hrs.*

**377 Introduction to Modern Latin America.** Introductory survey of Latin American history from independence; focus on quest for political stability, economic development and social change. *3 sem. hrs.*

**378 Women and Gender in Latin American History.** History of women in Latin America and role of gender in evolution of society, culture and politics; from the Conquest to present. *3 sem. hrs.*

**379 The Making of Modern Brazil.** Constructing and contesting inequality in modern Brazil, with special attention to comparative issues in the study of slavery, race, gender, and ethnicity. *3 sem. hrs.* (FSHT)

**380 Modern Latin American Social History.** Social conflict and social movements: peasant rebellions, immigration and ethnicity, women's and grassroots movements. *3 sem. hrs.*

## Middle Eastern History Courses (HIST)

**280 People and Customs of the Middle East.** Study of traditional ways of and newer influences on Islamic and other Middle Eastern people. Emphasis on cultural and religious beliefs and everyday life as revealed in firsthand accounts, literature, religious writing, and other texts. *3 sem. hrs.* (FSHT)

**381 The Modern Middle East.** Survey of Middle East from last years of Ottoman Empire to present. Emphasis on culture, Zionism, Arab nationalism, diplomacy, and the Arab-Israeli conflict. *3 sem. hrs.*

**382 Modern Middle East Topics.** In-depth investigation of selected Middle East topics to include Egypt, Palestine, resurgence of traditional Islam, and other topics important to understanding of the modern Middle East. *3 sem. hrs.*

**383 Modern Middle East Biography.** Insights into Modern Middle East through study of lives of important individuals such as Nasser, Asad, King Hussein, Ataturk, Reza Khan, King Abdul Aziz Ibn Saud, Begin, and Ben Gurion. *3 sem. hrs.*

## African History Courses (HIST)

**285 Modern Africa.** Introduction to major issues in modern African history. *3 sem. hrs.* (FSHT)

**384 Africa, c. 1500 to c. 1900.** Introduction to economic, social, political, and intellectual history of Africa from time of trans-Atlantic slave trade to colonial conquest. *3 sem. hrs.*

**385 Africa in the Twentieth Century.** Introduction to economic, social, political, and intellectual history of Africa from colonial period to present. *3 sem. hrs.*

**386 South Africa since 1500.** South Africa from pre-colonial period to present, with special attention to conquest, economic development, establishment of migrant labor system, segregation, and rise and fall of formal apartheid. *3 sem. hrs.*

**387 Women and Gender in African History.** Women's roles in and perspectives on some of the major issues in African history, including slavery, colonialism, and development. *3 sem. hrs.* (FSHT)

## International and Comparative History Courses (HIST)

**392 British Empire and Commonwealth.** British imperialism from end of American Revolution through development of the modern Commonwealth. Emphasizes Canada, India, Africa, and Australia. *3 sem. hrs.*

**393 History of Canada.** Development of Canadian society and state, emphasizing factors of geography, politics, and economics; influences from France and Great Britain; problems of regionalism and nationalism; and Canadian-American relations. *3 sem. hrs.*

**394 World War II.** Survey of World War II. Covers not only military events but also diplomacy, economics, and other aspects of the struggle in effort to show its transformative effects. *3 sem. hrs.*

**395 Food and Power in Africa and Asia.** Comparative exploration of connection between food (cultivation, processing, distribution, consumption, and denial) and political legitimacy, social institutions, and individuals' identities and values in Asia and Africa from antiquity to present. *3 sem. hrs.*

**396 The Vietnam Conflict.** Topical study of the United States' war with Vietnam, from its background to its consequences. Examination of Vietnam's historic efforts for independence from foreign domination, using primary documents, readings, documentary and feature films, and visiting speakers. *3 sem. hrs.*

### Special Courses (HIST)

**397 Historical Editing.** Introduction to editing of historical journals and service on the editorial board of a historical journal. *Prerequisites:* Student must be a member of Beta Mu chapter of Phi Alpha Theta and be serving on board of editors of the *Douglas Southall Freeman Historical Review*. *Graded pass/fail. 1 sem. hr.*

**398 Selected Topics.** Examples include European Biography, Eastern Europe since 1815, Rise of Big Business in America, Women's Activism in Historical Perspective, and others arranged by department. *3 sem. hrs.*

**399 Directed Study.** Individually designed reading or research program conducted under faculty supervision. *Prerequisites:* 18 semester hours in history and permission of department. *1-3 sem. hrs.*

### History Seminars (HIST)

**400 Research Seminar for Majors.** Required seminar for majors taken in junior or senior year. Investigation of topic of limited focus. Substantial paper based on common reading and individual research in primary and secondary materials. Topics and instructors vary. See departmental chair for proposed seminar topics. Enrollment limited to ten students. *3 sem. hrs.*

**410-411 Honors Readings Seminar.** Explorations in the historian's craft. *Prerequisite:* Admission to departmental honors program. *3-3 sem. hrs.*

**412-413 Honors Research Seminar.** Research and writing of honors thesis in history. *Prerequisites:* Admission to departmental honors program. History 412 prerequisite to 413. *3-3 sem. hrs.*

## Interdisciplinary Studies and Interdisciplinary Colloquia (IDST, COLQ)

Steven L. Barza, Coordinator

Interdisciplinary Studies offers two distinct programs—Interdisciplinary Colloquia and the Self-Designed Interdisciplinary Studies Major. In addition, Interdisciplinary Studies sponsors the one-semester hour Language Across the Curriculum sections for all Arts and Sciences, Jepson, and Business School courses offering LAC credit.

### The Interdisciplinary Colloquia

The Interdisciplinary Colloquia, which are one-semester electives, provide an opportunity to explore a variety of topics that do not typically fall within disciplinary boundaries. They are taught on a small-group basis, stressing student-faculty interaction, and are open to all students without prerequisites. Students should ascertain which courses are available in any given semester. The following courses are typical of the offerings:

#### Interdisciplinary Colloquia (COLQ)

**178 Artificial Life: An Emerging Discipline.** Survey of current work being done in new field of Artificial Life whose purpose is to discover principles governing the origins and emergence of evolution, development, communication, and learning by synthesizing biological phenomena. Research and methodology into formal basis for life in order to examine life-as-we-know-it in context of life-as-it-could-be. *3 sem. hrs.*

**201 Beyond Words: Perception and Meaning in Music, Dance, Poetry, and the Visual Arts.** Despite tendency to equate meaning with words, much of our perception goes beyond words. Examines our perception of nonverbal meanings in the arts. Includes attendance at variety of cultural events, such as concerts, exhibitions, operas, dance concerts, poetry readings. *3 sem. hrs.*

**203 Music and Religion in American Culture.** Discussion of various ways in which religion finds expression in folk, popular, and classical music, both sacred and secular. *3 sem. hrs.*

**205 Aristotle Across Disciplines.** Survey of Aristotle's contributions to and continued influence on the core of a liberal education. Among areas considered are aesthetics, logic, rhetoric, ethics, politics, psychology, biology, medicine, physics, and cosmology. *3 sem. hrs.*

**334 Urban Revitalization and Preservation.** Using the city of Richmond as a laboratory, a study of importance of preserving old and historic structures, districts, and artifacts, and of maintaining integrity and flavor of existing neighborhoods within context of modern urban environment. *3 sem. hrs.*

### The Interdisciplinary Studies Major

**Note:** A grade of not less than *C* (2.0) is required in each course comprising the major. The nature of the approved program will determine whether the degree is a Bachelor of Arts or Bachelor of Science. (See pages 50-53.)

The Interdisciplinary Studies major provides a student the opportunity to propose and pursue, with faculty supervision, a unique program of study.

*For either the Bachelor of Arts or Bachelor of Science degree:* Thirty semester hours of coursework including the senior thesis.

The specific program of study is developed by the student in consultation with two faculty advisors, cohering to a central student-determined theme, involving two or more departments, culminating in a significant senior thesis. The program must be approved by two faculty advisors, the Interdisciplinary Studies coordinator, and the Dean of the School of Arts and Sciences.

### The Interdisciplinary Studies Minor

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

*Requirements:* Eighteen semester hours of coursework including the senior thesis.

The specific program of study is developed by the student with consultation with two faculty advisors, cohering to a central student-determined theme, involving two or more departments, culminating in a significant senior thesis. The program must be approved by two faculty advisors, the Interdisciplinary Studies coordinator, and the Dean of the School of Arts and Sciences.

### Interdisciplinary Studies Courses (IDST)

**398-399 Senior Thesis.** For students in the Interdisciplinary Studies major. *1.5/1.5 sem. hrs.*

*The Interdisciplinary Studies program offers courses which are open to any student for elective credit. The following courses are typical of the offerings.*

**110 Language Across the Curriculum.** One-credit course taken in tandem with a designated 100-level primary course. Students will be guided in their study and discussion of authentic second-language texts relevant to materials in the primary course. Overall purpose of the LAC section is to engage students' foreign language skills in context of another discipline. Pass/fail grades only. No more than three hours of LAC credit may count toward the total number of hours required for a degree. *Prerequisite:* COM2 proficiency in relevant language or permission of instructor. *1 sem. hr.*

**210 Language Across the Curriculum.** One-credit course taken in tandem with a designated 200-level primary course. Students will be guided in their study and discussion of authentic second-language texts rel-

evant to materials in the primary course. Overall purpose of the LAC section is to engage students' foreign language skills in context of another discipline. Pass/fail grades only. No more than three hours of LAC credit may count toward the total number of hours required for a degree. *Prerequisite:* COM2 proficiency in relevant language or permission of instructor. *1 sem. hr.*

**300 Technologies of Change: Information Resources, Policies, and Communities.** Focus on understanding, using, and evaluating information technologies for research, communication, manipulation of data, and presentation of ideas and results. Consideration of public policy, ethical, and technological issues related to information access, presentation, ownership, and distribution. *3 sem. hrs.*

**310 Language Across the Curriculum.** One-credit course taken in tandem with a designated 300-level primary course. Students will be guided in their study and discussion of authentic second-language texts relevant to materials in the primary course. Overall purpose of the LAC section is to engage students' foreign language skills in context of another discipline. Pass/fail grades only. No more than three hours of LAC credit may count toward the total number of hours required for a degree. *Prerequisite:* COM2 proficiency in relevant language or permission of instructor. *1 sem. hr.*

**390 Interdisciplinary Studies in the Middle Ages and Renaissance.** (See English 390). *3 sem. hrs.*

**397 Special Topics.** Topics will vary from semester to semester. *3 sem. hrs.*

**410 Language Across the Curriculum.** One-credit course taken in tandem with a designated 400-level primary course. Students will be guided in their study and discussion of authentic second-language texts relevant to materials in the primary course. Overall purpose of the LAC section is to engage students' foreign language skills in context of another discipline. Pass/fail grades only. No more than three hours of LAC credit may count toward the total number of hours required for a degree. *Prerequisite:* COM2 proficiency in relevant language or permission of instructor. *1 sem. hr.*

## International Studies (IS)

John W. Outland, Coordinator

The International Studies major is composed of seven concentrations which are coordinated by advisors with special expertise in the areas. Students with specific interests outside the described concentrations may petition to create an independent concentration.

## The International Studies Major

**Note:** A grade of not less than C (2.0) is required in all coursework comprising the major.

*Required:*

### Enhanced Language Proficiency

Six semester hours of 300- or 400-level coursework in the Department of Modern Languages and Literatures, *excluding courses taught in English*.

Each grade must be C (2.0) or higher.

OR

Satisfactory completion of an approved language achievement examination for 300-level equivalency.

### Approved Experience Abroad

In order to provide for a significant degree of cultural immersion, the experience abroad will be related to the student's concentration and at least a semester in length. Any program which does not meet these requirements must be approved by the concentration advisor in consultation with the program coordinator.

### International Studies Coursework Required:

International Studies 201 and 491

Political Science 250

An International Studies Concentration

*Within the concentration:*

27 hours selected from three or more departments

WITH

no more than 15 hours from a single department

AND AT LEAST

12 hours above the 200 level

WHILE MEETING

concentration-specific requirements

## International Studies Courses (IS)

**201 Introduction to International Studies: Theories and Methods.** Issues in cross-cultural representation and interpretation. Analysis of origins and implications of diversity and interdependence among nations, cultures, regions. Not open to seniors except by permission of instructor. *3 sem. hrs.*

**230 Introduction to Africa.** Survey of African history, geography, institutions and current issues. *3 sem. hrs.*

**240 Gods, Spirits, and Faith in Africa.** Religious practices, institutions, and forms of experience in Africa. Topics include creation myths, apocalyptic faiths, conventional and modified versions of Islam; mission and Zionist Christianities; sorcery in contemporary politics; spirit possession and ancestor worship. *3 sem. hrs.*

**250 Selected Topics.** Topics and issues in International Studies. May be repeated when topics vary. *1-3 sem. hrs.*

**301 Dependency and Development: An Introduction to the Third World.** Interdisciplinary overview of less developed countries. Includes history of Third World, economics, politics, population growth, urbanization, world hunger, the environment, human rights, and theories of underdevelopment. (Same as Anthropology 301.) *3 sem. hrs.*

**310 Tribe, Nation, World: The Anthropology of Globalization.** Globalization "from the ground up," i.e., the perspective of people affected by the spread of consumerism, entertainment media, and Western values. Theoretical controversies and particular case studies. (Same as Anthropology 310.) *3 sem. hrs.*

**321 Exploring Latin American Experience: An Interdisciplinary Seminar.** Multiple disciplinary perspectives on history, society, politics, economics, and culture of Latin America. *Prerequisite:* One course on Latin America. *3 sem. hrs.*

**350 Selected Topics.** Selected topics in related subjects as arranged by the Program Coordinator. May be repeated when topics vary. *Prerequisite:* Permission of department. *1-6 sem. hrs.*

**388 Internship.** May be taken for a grade or pass/fail. Up to three credits may be applied towards the major, only when a grade is awarded. *Prerequisites:* International Studies 201 and permission of department. *1-3 sem. hrs.*

**390 Independent Study.** Topics independently pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-3 sem. hrs.*

**491 Senior Seminar.** Follow up on core concepts and approaches introduced in International Studies 201; 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. *3 sem. hrs.*

**NOTE:** With prior approval, study abroad courses may be applied toward the major.

*The International Studies Concentrations are described below:*

## Concentrations in International Studies

**Please see departmental listings for descriptions of courses listed below.** Also be aware of the fact that courses may be added after this catalog is printed. For eligibility of new courses for inclusion in the major, see the concentration advisor.

## International Studies:

### Africa

*Joseph Obi (Sociology), Advisor*

*Required:*

Select nine courses from the following (may include up to two courses dealing with the African diaspora, marked with an \*).

### Anthropology (ANTH)

205 Introduction to Cultural Anthropology

300 Gender in Cross-Cultural Perspectives

338 Peoples of Africa

### Art (ART)

279 ST: African Art \*

### Economics (ECON)

105 Introduction to Global Economics

211 Economic Development in Asia, Africa, and Latin America

### English (ENGL)

218 African Literature

231 African-American Literature\*

230 Special Readings in Caribbean Literature\*

331 Literatures of Africa\*

332 Literatures of the Caribbean\*

### French (FREN)

324 Introduction to Francophone Literature

471 Francophone Studies

### History (HIST)

285 Modern Africa

384 Africa, c. 1500 to c. 1900

385 Africa in the Twentieth Century

386 South Africa since 1500

387 Women and Gender in African History

395 Food and Power in Africa and Asia

### International Studies (IS)

230 Introduction to Africa

240 Gods, Spirits, and Faith in Africa

301 Dependency and Development: An Introduction to the Third World

350 ST: Zimbabwe: Nation and Culture (Summer only, 6 sem. hrs.)

### Music (MUS)

115 It's All That Jazz

### Political Science (PLSC)

347 Politics of Developing Nations

348 Politics of Africa

### Sociology (SOC)

230 Introduction to Africa

323 The Black Community in Urban America\*

## International Studies:

### Asia

*Vincent Wei-cheng Wang (Political Science), Advisor*

*Required:*

Six semester hours in Chinese or Japanese at 300- or 400-level, and approved experience abroad.

Select nine courses from the following list, with a minimum of three courses from each area (A and B), chosen in consultation with the concentration advisor. For eligibility of other relevant courses for inclusion in the major, see the concentration advisor.

### Area A: Humanities

#### Art History (ART)

226 Art and Culture of Japan (FSVP)

278 Topics in Asian Art

279 ST: Japanese Ceramics

283 East Asian Painting, Poetry, and Calligraphy

380 Seminar in Japanese Art

#### English (ENGL)

214 Literature of India (FSLT)

333 Literatures of South Asia

#### History (HIST)

270 East Asian Civilization (FSHT)

371 Modern Asia

372 Introduction to Chinese Civilization

373 Modern China

374 Japan in Premodern Times

375 Modern Japan

392 British Empire and Commonwealth

395 Food and Power in Africa and Asia

396 The Vietnam Conflict

398 ST: China in Western Images

#### Religion (RELG)

251 Sacred Arts of India (FSVP)

252 East Asian Religious Thought (FSLT)

253 Body/Sex in World Religious Literature (FSLT)

294 ST: Hinduism and Art

352 Buddhism in India and Tibet

353 Buddhism in China and Japan

355 Selected Asian Religions

366 Buddhist Philosophy

### Area B: Social Sciences

#### Anthropology (ANTH)

339 Peoples of the Pacific

340 Peoples of Southeast Asia

379 ST: Peoples of India

379 ST: Theatre and Dance in Southeast Asia

**Economics (ECON)**

- 210 Comparative Economic Systems  
 211 Economic Development in Asia, Africa, and Latin America  
 310 International Trade and Finance

**International Business (IBUS)**

- 390 Seminar in Selected International Business Topics (permission of track advisor)

**International Studies (IS)**

- 350 ST: Introduction to South Asia

**Political Science (PLSC)**

- 343 Politics of Asia  
 345 Politics of China, Hong Kong, and Taiwan  
 358 The United States and the Pacific Rim  
 379 ST: Political Economy of East Asian Development  
 400 Senior Seminar: Comparative Political Economy: East Asia vs. Latin America

**International Studies:****International Economics**

*Jonatban B. Wight (Economics), Advisor*

**Required:**

Students are strongly encouraged to develop proficiency in economics up to the level of either a minor or double-major (see economics department listings for requirements and prerequisites.) At a minimum, the following courses are required for the concentration:

**Economics (ECON)**

- 210 Comparative Economic Systems  
 211 Economic Development in Asia, Africa, and Latin America  
 310 International Trade and Finance

Select six elective courses from two or more departments in the following list:

**Accounting (ACCT)**

- 315 International Accounting Issues

**Anthropology (ANTH)**

- 205 Introduction to Cultural Anthropology  
 308 Peoples of Latin America  
 336 Political Anthropology  
 338 Peoples of Africa  
 339 Peoples of the Pacific  
 340 Peoples of Southeast Asia

**Finance (FIN)**

- 462 International Financial Management

**Geography (GEOG)**

- 206 World Geography - Developed Regions  
 207 World Geography - Developing Regions

**History (HIST)**

- 260 Twentieth-Century Europe  
 270 East Asian Civilization  
 280 People and Customs of the Middle East  
 285 Modern Africa  
 327 American Diplomatic History since 1945  
 352 Modern European Thought since 1850  
 354 Modern Germany  
 356 Modern Britain  
 358 Modern Balkans  
 360 Russia since 1855  
 363 Communist and Socialist Thought  
 365 The Late Soviet Union  
 371 Modern Asia  
 373 Modern China  
 375 Modern Japan  
 377 Introduction to Modern Latin America  
 378 Women and Gender in Latin American History  
 379 The Making of Modern Brazil  
 380 Modern Latin American Social History

**History (HIST)**

- 381 The Modern Middle East  
 382 Modern Middle East Topics  
 385 Africa in the Twentieth Century  
 386 South Africa since 1500  
 387 Women and Gender in African History  
 392 British Empire and Commonwealth  
 393 History of Canada  
 395 Food and Power in Africa and Asia

**International Business (IBUS)**

- 381 International Business Environment  
 390 International Business Issues and Topics  
 411 International Business Strategy

**International Studies (IS)**

- 230 Introduction to Africa  
 301 Dependency and Development: An Introduction to the Third World  
 310 Tribe, Nation, World: The Anthropology of Globalization  
 321 Exploring Latin American Experience: An Interdisciplinary Seminar

**Management Systems (MSYS)**

- 333 International Management

**Marketing (MKT)**

- 325 International Marketing

**Philosophy (PHIL)**

- 337 Social and Political Philosophy

**Political Science (PLSC)**

- 240 Introduction to Comparative Politics  
 312 Modern Political Theory

- 341 Great Britain, France, and Germany  
 342 Russia and the Newly Independent States  
 344 Europe Today  
 345 Politics of China, Hong Kong, and Taiwan  
 346 Politics of Cultural Pluralism  
 347 Politics of Developing Nations  
 348 Politics of Africa  
 349 Politics of Latin America and the Caribbean  
 350 American Foreign Policy  
 355 International Development Policy  
 356 International Political Economy  
 358 The United States and the Pacific Rim  
 360 International Law and Organizations  
 374 Methods for Cross National Research

**Religion (RELG)**

- 250 Introduction to World Religions

**Sociology (SOC)**

- 315 Population

**International Studies:****Latin America**

*Ted C. Lewellen (Anthropology), Advisor*

**Required:**

Six semester hours of 300- or 400-level coursework in Spanish and/or Portuguese

AND

International Studies (IS) 321 Exploring Latin American Experience:  
 An Interdisciplinary Seminar

AND

Eight additional courses, including at least one of the foundation courses (marked with an \*) and at least four courses from Group A:

**Group A: Courses on Latin America****Anthropology (ANTH)**

- 308 Peoples of Latin America\*

**Biology (BIOL)**

- 383 Tropical Biology and Conservation/International Studies 350

**English (ENGL)**

- 332 Caribbean Literature

**History (HIST)**

- 376 Imperial Spain and the Americas  
 377 Introduction to Modern Latin America\*  
 378 Women and Gender in Latin American History  
 379 The Making of Modern Brazil  
 380 Modern Latin American Social History

**Political Science (PLSC)**

- 349 Politics of Latin America and the Caribbean\*

**Sociology (SOC)**

- 379 ST: Brazil: Culture and Society

**Spanish (SPAN)**

- 312 Perspectives on Cultures and Nations of Latin America\*  
 331-332 Introduction to Spanish-American Literature  
 391 Contemporary Luso-Brazilian Readings  
 452 Spanish-American Poetic Texts  
 471 Latin-American Cinema  
 472 Contemporary Spanish-American Theater  
 475 Women and Writing in Latin America  
 477 Literature of the Spanish-Speaking Caribbean  
 484 The Latin American Essay  
 485 Spanish-American Narrative  
 486 U.S. Latino/a Literature  
 487 Latin America: Encounter and Conflict

**Group B: Global Perspectives on Latin America****Anthropology (ANTH)**

- 310 Tribe, Nation, World: The Anthropology of Globalization

**Economics (ECON)**

- 105 Introduction to Global Economics  
 211 Economic Development in Asia, Africa, and Latin America

**Geography (GEOG)**

- 207 World Regional Geography - Developing Regions

**International Studies (IS)**

- 301 Dependency and Development: An Introduction to the Third World  
 310 Tribe, Nation, World: The Anthropology of Globalization

**Music (MUS)**

- 117 Salsa Meets Jazz

**Political Science (PLSC)**

- 346 Politics of Cultural Pluralism  
 347 Politics of Developing Nations  
 356 International Political Economy  
 360 International Development Policy

**International Studies:****Modern Europe**

*Arthur B. Gunlicks (Political Science), and Hugh A. West (History), Advisors*

**Required:**

History 202, Political Science 344, and at least seven courses, or their equivalent, from the following list, with a minimum of two courses from each area (A, B, C), chosen in consultation with an advisor.

**Area A: Social Sciences/History****Economics (ECON)**

- 105 Introduction to Global Economics
- 210 Comparative Economic Systems
- 220 History of Economic Thought

**Geography (GEOG)**

- 206 World Geography - Developed Regions

**History (HIST)**

- 230 European Women and Gender before Suffrage
- 242 Britain from 1688 to the Present
- 250 The Crucible of Modernity: Europe, 1660-1900
- 260 Twentieth Century Europe
- 335 Renaissance
- 336 Reformation
- 337 Tudor England, 1485-1603
- 338 Stuart England, 1603-1714
- 340 Russia to 1855
- 341 France, 1589-1815
- 342 Family, Sex, and Marriage in Early Modern Europe
- 343 History of Work in Europe
- 354 Modern Germany
- 355 Georgian Britain, 1714-1837
- 356 Modern Britain
- 357 Habsburg Empire and After
- 358 Modern Balkans
- 360 Russia since 1855
- 364 The Early Soviet Union
- 365 The Late Soviet Union
- 367 European Diplomacy from Bismarck to Hitler

**Political Science (PLSC)**

- 240 Introduction to Comparative Politics
- 341 Great Britain, France, and Germany
- 342 Russia and the Newly Independent States

**Area B: Intellectual and Cultural History****Art (ART)**

- 122 Art History: Renaissance to the Present
- 214 Northern Renaissance Art
- 215 Art of the Renaissance
- 216 Mannerism and the Baroque
- 217 Nineteenth-Century Art
- 218 Twentieth-Century Art
- 330 An Era of Spectacle: Music and Art in the Baroque Period

**French (FREN)**

- 311 Life and Issues in the French-Speaking World
- 465 French Film
- 487 Contemporary Ideas

**History (HIST)**

- 351 Modern European Thought, 1650-1850
- 352 Modern European Thought since 1850
- 363 Communist and Socialist Thought

**German (GERM)**

- 311 German Culture and Civilization
- 465 Responses to the Third Reich in Literature and Film
- 472 Multiculturalism, Identity, and Authorship in the German Context

**Modern Languages (MDLG)**

- 356 Freud
- 360 Representing the Holocaust

**Music (MUS)**

- 228 General History of Music
- 232 Nationalism and Music
- 330 An Era of Spectacle: Music and Art in the Baroque Period
- 342 Beethoven: Renegade Genius of the String Quartet

**Philosophy (PHIL)**

- 272 Modern Western Philosophy
- 275 Marx, Nietzsche, and Freud
- 336 Nineteenth-Century European Philosophy
- 337 Social and Political Philosophy
- 339 Existentialism
- 343 Twentieth-Century Analytic Philosophy
- 344 Twentieth-Century Continental Philosophy

**Political Science (PLSC)**

- 312 Modern Political Theory

**Religion (RELG)**

- 356 Religious Thought of the Renaissance and Reformation

**Russian (RUSN)**

- 311 Russian Language in Culture
- 312 Russian Civilization and Culture

**Spanish (SPAN)**

- 311 Perspectives on People and Cultures of Spain
- 461 The Spanish Labyrinth
- 465 Spanish Cinema

**Area C: Literature****English (ENGL)**

- 311 English Literature of the Restoration and Eighteenth Century
- 312 English Literature of the Romantic Period
- 320 Topics in British Literature 1660-1900
- 346 Twentieth-Century British Literature
- 347 Topics in Twentieth-Century British Literature
- 248 Modern Sexuality

**French (FREN)**

- 321, 322, 323 Introduction to French Literature
- 421 Renaissance
- 431 Le Siècle Classique
- 441 Enlightenment
- 451 From Romanticism to Decadence
- 461 From Modern to Post-Modern

**German (GERM)**

- 322 Introduction to German Literature
- 441 Enlightenment, Storm and Stress, Classicism
- 442 German Romanticism
- 452 Fin-de-siècle
- 471 Gender and Performance in Twentieth-Century Literature and Film

**Modern Languages (MDLG)**

- 313 French Literature in Translation
- 321-322 Russian Literature in Translation

**Russian (RUSN)**

- 321 Introduction to Nineteenth-Century Russian Literature
- 322 Introduction to Twentieth-Century and Contemporary Russian Literature

**Spanish (SPAN)**

- 321 Literary Spain: Poetry, Drama, Fiction
- 431 Imperial Spain: Metaphors of Harmony and Chaos
- 432 True Lies: Fiction and Truth in *Don Quixote*
- 451 Spanish Literature of Exile
- 462 Visions of Contemporary Spain
- 463 Modern Spanish Narrative
- 464 Modern Theatre in Spain
- 465 Spanish Cinema

**International Studies:****World Politics and Diplomacy**

*Ernest C. Bolt, Jr. (History) and John W. Outland (Political Science), Advisors*

**Required:**

One course from History 327, 367, or 396; one course from Political Science 356, 360, Economics 105, 210, 211, or 310; and one course from Political Science 350 or 352. Select remaining courses of program from above and below:

**Anthropology (ANTH)**

- 336 Political Anthropology

**Economics (ECON)**

- 105 Introduction to Global Economics
- 210 Comparative Economic Systems
- 211 Economic Development in Asia, Africa, and Latin America

- 310 International Trade and Finance

**English (ENGL)**

- 336 Literature of Globalization

**Geography (GEOG)**

- 206 World Geography—Developed Regions
- 207 World Geography—Developing Regions
- 260 Introduction to Geographic Information Systems

**History (HIST)**

- 260 Twentieth-Century Europe
- 327 American Diplomatic History since 1945
- 354 Modern Germany
- 358 Modern Balkans
- 360 Russia since 1855
- 364 The Early Soviet Union
- 365 The Late Soviet Union
- 367 European Diplomacy from Bismarck to Hitler
- 371 Modern Asia
- 373 Modern China
- 375 Modern Japan
- 377 Introduction to Modern Latin America
- 379 The Making of Modern Brazil
- 381 Modern Middle East
- 382 Modern Middle East Topics
- 385 Africa in the Twentieth Century
- 392 British Empire and Commonwealth
- 394 World War II
- 395 Food and Power in Africa and Asia
- 396 The Vietnam Conflict

**International Studies (IS)**

- 230 Introduction to Africa
- 301 Dependency and Development: An Introduction to the Third World
- 310 Tribe, Nation, World: The Anthropology of Globalization
- 321 Exploring Latin American Experience

**Leadership Studies (LDSP)**

- 307 Leadership in International Contexts
- 354 Conflict Resolution

**Political Science (PLSC)**

- 240 Introduction to Comparative Politics
- 341 Great Britain, France, and Germany
- 342 Russia and the Newly Independent States
- 343 Politics of Asia
- 344 Europe Today
- 345 Politics of China, Hong Kong, and Taiwan
- 346 Politics of Cultural Pluralism
- 347 Politics of Developing Nations
- 348 Politics of Africa
- 349 Politics of Latin America and the Caribbean

- 350 American Foreign Policy
- 352 International Law and Organization
- 356 International Political Economy
- 358 The United States and the Pacific Rim
- 360 International Development Policy
- 374 Methods for Cross National Research

**Religion (RELG)**

- 250 Introduction to World Religions

**International Studies:****Russian and East European Studies**

*Joseph C. Troncale and Yvonne Howell (Modern Foreign Languages and Literatures, Russian), Advisors*

*Required:*

At least two courses from Russian 311, 312, 321 or 322; and at least two courses from History 340, 358, 360, 364, 365 or Political Science 342. Select remaining courses of program from above and below:

**Anthropology (ANTH)**

- 300 Gender in Cross-Cultural Perspectives

**Art History (ART)**

- 217 Nineteenth-Century Art
- 218 Twentieth-Century Art

**Economics (ECON)**

- 105 Introduction to Global Economics
- 210 Comparative Economic Systems

**History (HIST)**

- 327 American Diplomatic History since 1945
- 340 Russia to 1855
- 358 Modern Balkans
- 360 Russia since 1855
- 364 Early Soviet Union
- 365 Late Soviet Union
- 398 ST: Eastern Europe since 1815

**International Studies (IS)**

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

**Music (MUS)**

- 228 General History of Music

**Philosophy (PHIL)**

- 336 Nineteenth-Century European Philosophy
- 337 Social and Political Philosophy
- 339 Existentialism

**Political Science (PLSC)**

- 342 Russia and the Newly Independent States
- 347 Politics of Developing Nations
- 356 International Political Economy
- 360 International Development Policy

**Russian (RUSN)**

- 311 Russian Language in Culture
- 312 Russian Civilization and Culture
- 321 Introduction to Nineteenth-Century Russian Literature
- 322 Introduction to Twentieth-Century and Contemporary Russian Literature
- 421-422 Russian Literature in the Original
- 495-496 Independent Study
- 497-498 ST: e.g., Dostoevsky, History of Russian Cinema, Tolstoy

**Individual Programs**

A student who has an interest in an international studies area not listed here may be able to develop an individual program of study to meet the concentration requirement. Such a program will have a theme supported by appropriate courses and shall be approved by the Coordinator of International Studies. Students who wish to pursue this option should see the Program Coordinator early in their college career to allow adequate time for planning.

**Jewish Studies Minor (JWST)**

*Kathrin Bower, Coordinator (MLL)*

Eighteen hours selected from among the courses listed below or taken with the approval of the Jewish Studies program coordinator. All Jewish Studies minors will be required to take either Religion 230 (History of Israel) or Religion 260 (History of Judaism); of the five remaining courses, two must be at the 300-level or higher, and no more than one may be chosen from Group II (below). A maximum of two courses may be taken at VCU's Judaic Studies Program and applied to the minor with the prior permission of the program coordinator.

**Group I: Jewish Studies Core Courses****American Studies (AMST)**

- 322 Jews in the American Mind

**English (ENGL)**

- 217 The Bible and Literature

**History (HIST)**

- 280 People and Customs of the Middle East
- 322 Jews in the American Mind (same as AMST 322)
- 381 The Modern Middle East
- 382 Modern Middle East Topics
- 383 Modern Middle East Biography

**German (GERM)**

- 465 Responses to the Third Reich in Literature and Film

- 472 Multiculturalism, Identity and Authorship in the German Context

**Modern Languages (MDLG)**

- 360 Representing the Holocaust

**Religion (RELG)**

- 201 The Bible as Literature
- 230 The History of Israel
- 231 The Bible and Western Culture
- 232 Introduction to Biblical Hebrew
- 260 History of Judaism
- 331 The Hebrew Prophets
- 332 Hebrew and Christian Wisdom Literature
- 359 American Judaism

**Group II: Related Courses****American Studies (AMST)**

- 321 American Immigration and Ethnicity

**History (HIST)**

- 321 American Immigration and Ethnicity (same as AMST 321)

**Political Science (PLSC)**

- 346 Politics of Cultural Pluralism

**Religion (RELG)**

- 241 Introduction to Early Christian Era
- 242 Jesus and Christian Origins
- 243 The World of the New Testament
- 256 Introduction to the History of Christianity
- 264 From Jesus to Christ
- 340 Varieties of Early Christianity

**Spanish (SPAN)**

- 421 Arabs, Jews and Christians from Frontier to Empire

**Journalism (JOUR)**

*Michael Spear, Coordinator*

*Associate Professors Kindel, Nasb, Spear*

*Journalism professionals are also employed as adjunct faculty members.*

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

**The Journalism Major**

Twenty-seven semester hours in journalism, including Journalism 200, 201, 301, 302, 303, 304, and three hours of 288 or approved substitute.

English 342, 367, and 368 may be used to count for no more than six of the 27 semester hours required in journalism.

**The Journalism Minor**

Eighteen semester hours in journalism, including Journalism 200, 201, 301, 303, any 200- or 300-level Journalism course as an elective, and 3 hours of Journalism 288 or approved substitute.

*General Prerequisites:* Journalism 200 and 201 are prerequisites for some 200-level and all 300-level courses in journalism, and are best completed before the end of the sophomore year.

**Journalism Courses (JOUR)**

**200 News Media and Society.** History and development of print and electronic media. Conflicts between free press and other social objectives. External and internal controls affecting news media and flow of information. *3 sem. hrs.* (FSSA)

**201 News Writing.** Intensive training in basic writing and reporting skills, news values, and research. Includes frequent writing assignments. *Prerequisites:* Basic typing skills, basic skills in English. *3 sem. hrs.*

**202 Feature and Magazine Article Writing.** Research and writing of news-feature and magazine articles. *Prerequisites:* Journalism 200 and 201. *3 sem. hrs.*

**203 Television News.** News reporting and production techniques of television, with emphasis on writing and training in use of equipment. *Prerequisites:* Journalism 200 and 201. *3 sem. hrs.*

**205 Photojournalism.** Theory and practice of news and feature photography, darkroom technique, properties of light and film. *Prerequisites:* Journalism 200 and 201 or permission of instructor, 35mm single lens reflex camera, lab fee. *3 sem. hrs.*

**206 Public Relations.** Theory and practice of public relations. Case studies involving preparation of publicity campaigns and media relations, employee publications. *Prerequisites:* Journalism 200 and 201 or permission of instructor. *3 sem. hrs.*

**288 Practicum.** Reporting for campus news media, with class discussion of reporting assignments and editorial processes. May be repeated no more than three times. Counts as internship in regard to 12-hour limit for such courses. *Prerequisites:* Journalism 200 and 201. *1 sem. hr.*

**301 Copy Editing.** Improving news writing through practice in copy reading, editing, and discussion of news styles, grammar, usage, page design, headline writing, picture selection, news judgment. *Prerequisites:* Journalism 200 and 201. *3 sem. hrs.*

**302 Public Affairs Reporting.** 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. *3 sem. hrs.*

**303 Journalism Ethics, Law.** Case studies of ethical conflicts encountered in reporting and editing. Current state and federal laws regulating news media, especially libel, privacy, and freedom of information statutes. *Prerequisites:* Journalism 200 and 201. *3 sem. hrs.*

**304 Seminar.** Study of specialized field of reporting or writing. Examples include Computer-assisted Reporting, Environmental Reporting, Advanced Interviewing, Covering the Legislature, Newsletter Journalism, Covering the Arts, and Sports Writing. *3 sem. hrs.*

**305 Precision Journalism.** Computer-assisted reporting that uses survey research methods. Emphasizes news writing techniques; includes field experiments, basic statistics, construction of questionnaires for polls, random-sample polling, and analysis of database searches. *Prerequisites:* Journalism 200 and 201. *3 sem. hrs.*

**306 Graphics and Design.** Introduction to publication design, including history and basics of typography, newspaper design, photo editing and infographics. *Prerequisites:* Journalism 200 and 201. *3 sem. hrs.*

**388 Individual Internship.** Supervised work in writing, research, or production at approved news or public relations outlet. Must be taken pass/fail. May be repeated, but not to accrue more than three hours total credit. *Prerequisite:* Journalism 201. *1-3 sem. hr.*

## Mathematics and Computer Science (MATH and CMSC)

*Kathy Hoke, Chair*

*Professors Charlesworth, Davis, J. Hubbard, Kent*

*Associate Professors Barnett, Caudill, Greenfield, Hoke, Kerckhove, Nall, Ross*

*Assistant Professors Fenster, Kuntz, Lawson, Owen, Szajda*

*Instructor A. Hubbard*

### COMPUTER SCIENCE (CMSC)

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

Students are strongly advised to consult with faculty in planning their major or minor curricula.

### The Computer Science Major

*For the Bachelor of Arts degree:*

- I. Computer Science 150, 221, 222, 301, 315, and 323.
- II. Sufficient additional three-hour (or more) Computer Science courses at the 300-level to total at least 10 hours. Without departmental approval, no more than one of these courses can be an Independent Study course.

III. Mathematics 211 and 245.

*For the Bachelor of Science degree:*

- I. Computer Science 150, 221, 222, 301, 315, and 323.
- II. Sufficient additional three-hour (or more) Computer Science courses at the 300-level to total at least 10 hours. Without departmental approval, no more than one of these courses can be an Independent Study course.
- III. Mathematics 211, 212, and 245.
- IV. Two three-hour courses at the 300-level or above in Mathematics or two three-hour (or more) courses beyond the introductory level in one of the following fields: Physics (200-level or above), Chemistry (200-level or above), or Biology (with prerequisite 201-203).

### The Computer Science Minor

- I. Computer Science 150, 221, 222, and 301.
- II. One additional three- or four-hour Computer Science course for which Computer Science 222 is a prerequisite.

### Computer Science Courses (CMSC)

**101 Minds and Machines.** (See Mathematics 101.) *3 sem. hrs.* (FSSR)

**108 Digital Artmaking.** (See Studio Art 223.) *3 sem. hrs.* (FSVP)

**150 Introduction to Computing.** Techniques for using computers to solve problems, including top-down design and structured programming. Topics include arrays and subprograms. Three lecture and three laboratory hours a week. *Prerequisite:* None; however, strong mathematics aptitude usually predicts success in computer science. *4 sem. hrs.* (FSSR)

**Note:** Knowledge of the topics of Computer Science 150 is prerequisite to all higher numbered Computer Science courses. Students who have obtained this knowledge through a high school or some other course are permitted to begin with Computer Science 221.

**195 Special Topics.** Special topics satisfying neither major nor minor requirements. *1-3 sem. hrs.*

**221 Data Structures with Lab.** Introduction to data structures, including stacks, queues, linked lists, and binary trees. Topics include recursion, data abstraction, and analysis of searching and sorting algorithms. *Prerequisite:* Computer Science 150. Three lecture and three laboratory hours a week. *4 sem. hrs.* (FSSR)

**222 Discrete Structures for Computing.** Sets, functions, elementary propositional and predicate logic, elementary graph theory, matrices, recurrence relations, proof techniques (including mathematical induction and proof by contradiction), combinatorics, probabil-

ity, and random numbers, with applications to computing. *Corequisite:* Computer Science 221. *3 sem. hrs.*

**288 Computer Science Apprenticeship.** Participation in development of software, with supervision of computer science faculty. Fifty hours work for one hour of credit. *Prerequisite:* Computer Science 221 and permission of department. Does not count for Computer Science major or minor. No more than a total of 12 semester hours of Computer Science 288 may count toward the total number of hours required for a degree. *1-2 sem. hrs.*

**Note:** Many 300-level courses in computer science include a "consulting laboratory." This is an instructor-designed, organized, and supervised component of the course that may occur as a fourth hour of lecture or as an extra course component scheduled outside of the lecture period. Scheduling and format will be discussed at the first class session. The format may vary by instructor and course. Students are urged to contact the instructor prior to registration if they have questions about the laboratory.

**301 Computer Systems and Architecture I.** Fundamentals of computer organization with focus on machine and assembly language levels. Topics include Boolean algebra, digital logic, data representations, study of a modern processor's architecture and assembly language, and creation of simulators and assemblers. Consulting laboratory. *Prerequisite:* Computer Science 221. *4 sem. hrs.*

**315 Algorithms.** Advanced data structures and their algorithms. Topics include balanced trees, graphs, networks, and hashing. Emphasis is given to analysis of the algorithms' time and space complexity. Consulting laboratory. *Prerequisite:* Computer Science 222. *4 sem. hrs.*

**321 Operating Systems.** Memory management, process management, structure of operating systems, and case studies. Consulting laboratory. *Prerequisites:* Computer Science 222 and 301. *4 sem. hrs.*

**322 Software Engineering Practicum.** Project-oriented course designed to implement concepts developed in other computer science courses. Principles of software engineering will be emphasized throughout. Consulting laboratory. *Prerequisites:* Senior standing or two courses at the 300 level that have Computer Science 315 or 301 as a prerequisite. *4 sem. hrs.*

**323 Design and Implementation of Programming Languages.** Issues in design and implementation of programming languages, including run-time environment, binding times, and support for structured programming. Consulting laboratory. *Prerequisites:* Computer Science 301 and 315. *4 sem. hrs.*

**325 Database Systems.** Introduction to systematic management of data: design and implementation of relational database systems, data modeling, normalization, indexing, relational algebra, query processing,

and transaction management. Programming projects include substantial use of SQL and its extensions. Consulting laboratory. *Prerequisite:* Computer Science 315. *4 sem. hrs.*

**328 Numerical Analysis.** (See Mathematics 328.) *3 sem. hrs.*

**330 Theory of Computation.** Finite state machines, regular languages, push down automata, context-free languages, Turing machines, recursive functions, and related topics. *Prerequisite:* Computer Science 315. *3 sem. hrs.*

**332 Computer Networks.** Principles and techniques for data communication between computers. Topics include physical media, signalling, error detection and correction, communication protocols, routing and congestion control in large networks, application of computer networks, and recent advances. Consulting laboratory. *Prerequisite:* Computer Science 301 and 315. *4 sem. hrs.*

**333 Parallel Programming.** Principles and techniques for programming computers that have multiple processors. Writing programs for parallel computers that enhance run-time efficiency, portability, correctness, and software modifiability. Consulting laboratory. *Prerequisite:* Computer Science 315. *4 sem. hrs.*

**335 Computer Graphics.** Devise independent 2- and 3-dimensional computer graphics, interactive graphics, user interfaces, and human factors. Consideration of advanced modeling and rendering. Consulting laboratory. *Prerequisites:* Mathematics 245 and Computer Science 222. *4 sem. hrs.*

**340 Directed Independent Study.** To enable well-qualified students who have completed basic requirements for major to work independently in areas not included in curriculum. *Prerequisite:* Permission of departmental chair and instructor. *1-3 sem. hrs.*

**395 Special Topics.** Selected topics in computer science. *Prerequisite:* Permission of instructor. *1-4 sem. hrs.*

**420 Senior Research.** *1-3 sem. hrs.*

## MATHEMATICS (MATH)

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

Students are strongly advised to consult with faculty in planning their major or minor curricula.

### The Mathematics Major

*For either the Bachelor of Arts or Bachelor of Science degree:*

- I. Mathematics 211, 212, 235, 245, 250, 306, and 320.

**Note:** Students are strongly advised to complete either Math 306 or 320 prior to the senior year.

- II. Two of the following Mathematics courses: 307, 321, 324, 330, 331, and 336.
- III. Six additional semester hours from 300-level mathematics courses.

*And for the Bachelor of Arts degree:*

Computer Science 150.

*And for the Bachelor of Science degree:*

Computer Science 150, and four courses in one natural science, or Computer Science with at least two of these courses at the advanced level (200 level or above in Physics or Chemistry, or with 201-203 as a prerequisite in Biology.)

### The Mathematics Minor

I. Mathematics 211, 212, 235, and 245.

II. Two courses at the 300-level.

### Mathematics Courses (MATH)

**101 Minds and Machines.** Formal deduction in propositional logic. Fundamentals of computer architecture. Elementary exploration of extent to which symbolic reasoning can be automated. (Same as Computer Science 101.) *3 sem. hrs.* (FSSR)

**102 Problem Solving Using Finite Mathematics.** Topics to demonstrate power of mathematical reasoning. Applications will be emphasized. *3 sem. hrs.* (FSSR)

**103 An Introduction to Simulation (The Mathematics of Waiting in Line).** Introduction to fundamentals of abstracting practical situations involving waiting lines (e.g., supermarket lines, assembly lines, emergency rooms, computer networks) into mathematical models. Abstracted models will be simulated using computer software to obtain approximate solutions. Introduction to statistical analysis of data is also included. *3 sem. hrs.* (FSSR)

**104 Symmetry in Tilings and Patterns.** Introduction to symmetry and its use in the generation and classification of geometric patterns. *3 sem. hrs.* (FSSR)

**119 Social Science Statistics.** Introduction to statistical methods with applications to social sciences. Sampling, hypothesis testing, analysis of variance, and nonparametric methods. Emphasis on proper use of statistical computing tools such as SPSS. *3 sem. hrs.*

**195 Special Topics.** Special topics satisfying neither major nor minor requirements. *1-3 sem. hrs.*

**211 Calculus I.** Derivative and integral; derivatives of trigonometric, exponential, logarithmic, and inverse trigonometric functions; applications of curve sketching; applications to physical, life, and social sciences; Mean Value Theorem and its applications; Fundamental Theorem of Calculus. *Prerequisite:* High school precalculus. *3 sem. hrs.* (FSSR)

**212 Calculus II.** Techniques of integration; applications of integration; improper integrals; l'Hospital's Rule; Taylor's Theorem and applications, infinite series, differential equations. *Prerequisite:* Mathematics 211 or one year of high school AP calculus. *3 sem. hrs.* (FSSR)

**235 Multivariate Calculus.** N-dimensional Euclidean space, functions of several variables, partial derivatives, multiple integrals, applications. *Prerequisite:* Mathematics 212. *3 sem. hrs.* (FSSR)

**245 Linear Algebra.** Vector spaces, matrices, systems of linear equations, and linear transformations. *Prerequisite:* Mathematics 212 or Computer Science 222. *3 sem. hrs.*

**250 Fundamentals of Abstract Mathematics.** Logic, quantifiers, negations of statements with quantifiers, set theory, induction, counting principles, relations and functions, cardinality. Emphasis on methods of proof and proper mathematical expression. *Prerequisite:* Mathematics 212. *3 sem. hrs.*

**306-307 Abstract Algebra I and II.** Systematic study of theory of groups, rings, and fields. *Prerequisites:* Mathematics 245 and 250. Mathematics 306 is prerequisite to 307. *3-3 sem. hrs.*

**310 Advanced Calculus.** Topics from multivariable calculus, theorems of Green, Gauss, and Stokes, uniform convergence, partial differential equations. Fourier series or calculus of variations. *Prerequisite:* Mathematics 235. *3 sem. hrs.*

**312 Differential Equations.** Introduction to ordinary differential equations and their use as models of physical systems. Linear and nonlinear equations and systems of equations, including existence and uniqueness theorems, analytical solution techniques, numerical methods, and qualitative analysis. Includes studies of global behavior and local stability analysis of solutions of nonlinear autonomous systems; bifurcation analysis; Laplace transforms. Application and modeling of real phenomena included throughout. *Prerequisite:* Mathematics 212. *Corequisite:* Mathematics 245. *3 sem. hrs.*

**315 Modern Geometry.** Geometry of surfaces in 3-dimensional space, including lengths, areas, angles, curvature, and topology. Classification of Euclidean isometries. Classification of compact surfaces having constant Gaussian curvature. *Prerequisites:* Mathematics 235 and 245. *3 sem. hrs.*

**320-321 Real Analysis I and II.** Topological properties of real line and Euclidean space. Convergence, continuity, differentiation, and integration properties of real-valued functions of real variables. *Prerequisites:* Mathematics 235 and 250. Mathematics 320 is prerequisite to 321. *3-3 sem. hrs.*

**323 Discrete Mathematical Models.** Graph models; Markov chain models; Queueing theory models; Ap-

plications of discrete probability. *Prerequisite:* Mathematics 245. *3 sem. hrs.*

**324 Continuous Mathematical Models.** Continuous models in modern applications. Primary focus on practical understanding of the modeling process, with goals of developing individual modeling skills, and ability to critically read modeling reports in scholarly journals. Mathematical topics include ordinary differential and partial differential equations. *Prerequisite:* Mathematics 312. *3 sem. hrs.*

**328 Numerical Analysis.** Analysis and implementation of algorithms used in applied mathematics, including root finding, interpolation, approximation of functions, integration, and solutions to systems of linear equations. (Same as Computer Science 328.) *Prerequisites:* Mathematics 212, 245, and Computer Science 150. *3 sem. hrs.*

**329-330 Mathematical Statistics I and II.** Descriptive statistics for experimental data, combinatorial analysis and probability, probability distribution functions, introduction to the problems of estimation, and the testing of hypotheses. Multivariate methods. *Prerequisites:* Mathematics 235 and 245. Mathematics 329 is prerequisite to 330. *3-3 sem. hrs.*

**331 Complex Analysis.** Introduction to calculus of functions of single complex variable, including series, calculus of residues, and conformal mapping. *Prerequisite:* Mathematics 310 or Physics 301. *3 sem. hrs.*

**336 Operations Research.** Linear and Integer Programming; algorithms, complexity, sensitivity, and duality. Applications such as assignments, networks, scheduling. *Prerequisite:* Mathematics 323. *3 sem. hrs.*

**340 Directed Independent Study.** For well-qualified students who wish to work independently in areas not included in curriculum. *Prerequisite:* Permission of departmental chair and instructor. *1-3 sem. hrs.*

**350 Coding Theory.** Error-correcting codes are used to ensure reliable electronic communication in everything from compact disc players to deep space transmission. Topics include linear codes, design theory, cyclic codes, counting arguments for nonexistence, and decoding algorithms. *Prerequisite:* Mathematics 245 or permission of instructor. *3 sem. hrs.*

**355 Cryptography.** History and development of "secret codes" with applications to electronic commerce, diplomatic and military communications, and computer security. Emphasis on mathematical structures underlying classical, arithmetic, algebraic, mechanical, electronic, and public-key cryptosystems. *Prerequisites:* Mathematics 245 and either Mathematics 250 or Computer Science 222 or permission of instructor. *3 sem. hrs.*

**395 Special Topics.** Selected topics in mathematics. *Prerequisite:* Varies with topic. *1-3 sem. hrs.*

**420 Senior Research.** *1-3 sem. hrs.*

## Military Science and Leadership (MSCL)

*Donald J. Lasb, Jr., Lieutenant Colonel, U. S. Army, Chair*

*Professor Lasb*

*Assistant Professors Cook, Heltzel, Kennedy, Monnier, Schweichler, Sims*

The objective of the military science and leadership program is to provide the leadership and management foundation required for military service as a commissioned officer or in a civilian counterpart position. In support of this objective the program includes classroom instruction and activities geared to the development of leadership skills.

Military Science and Leadership classes may be taken by all University students. Class enrollment in the Military Leadership classes carries no U.S. Army commitment and there is no obligation to enroll for successive course offerings. College and/or commissioning credit may be awarded for prior military service, attendance at the ROTC Leader's Training Course, or Junior ROTC participation. International students desiring to attend Military Science and Leadership classes must have written approval from their respective embassies prior to taking classes.

### Military Science and Leadership Courses (MSCL)

**101 Basic Military Science.** Introduces students to fundamental components of service as an officer in the United States Army. These initial lessons form building blocks of progressive lessons in values, fitness, leadership, and officership. Additionally addresses "life skills" including fitness, communications theory and practice (written and oral), and interpersonal relationships. *Prerequisite:* First-year or second-year class standing, or permission of departmental chair. *1 sem. hr.*

**102 Introduction to Problem Solving, Decision-Making and Leadership.** An introduction to "life skills" of problem solving, decision-making, and leadership designed to help students in the near-term as leaders on campus. Will also help students be more effective leaders and managers in the long-term, whether they serve in the military or as leaders in civilian life. Topics addressed include problem solving, critical thinking, problem solving methods, leadership theory, followership, group cohesion, goal setting, and feedback mechanisms. Taught in a seminar format emphasizing student discussions and practical exercises. *Prerequisite:* First-year or second-year class standing, or permission of departmental chair. *1 sem. hr.*

**201 Military Leadership I.** Designed to develop leadership through activities that focus on self-knowledge, self-confidence, individual leadership skills, teamwork skills, and leadership concepts. Topics include, but are not limited to, personal development, goal setting, communication, problem solving, and decision-making. In-class activities include orienteering and ropes classes. *Prerequisite:* Military Science and Leadership 101 and 102 or permission of departmental chair. *2 sem. hrs.*

**202 Military Leadership II.** Builds on foundations set in Military Science and Leadership 201 designed to develop leadership through activities that focus on self-knowledge, self-confidence, individual leadership skills, teamwork skills, and leadership concepts. Topics include, but are not limited to, personal development, goal setting, communication, problem solving, and decision-making. In-class activities include orienteering and leadership reaction course. *Prerequisite:* Military Science and Leadership 201 or permission of departmental chair. *2 sem. hrs.*

**204 Leader's Training Course.** Five-week summer course consisting of leadership training at Fort Knox, Ky. Completion of this course equates to completion of Military Science and Leadership 101-202 and enables students to enroll in the advanced military leadership courses. Amount of academic credit awarded depends upon amount of basic military science credit previously earned. Travel pay and salary provided through Department of Military Science and Leadership. Graded pass/fail. *Prerequisites:* Enrollment in the ROTC program, military service obligation and permission of departmental chair. *0-6 sem. hrs.*

**205 Military History.** Traces development of American military system from colonial period to present. Analyzes principles of war, their applicability in selected battles, role of military professionals in shaping United States policy, and where the military profession fits in society. *3 sem. hrs.*

**301 Fundamentals of Military Leadership and Training I.** Instruction and case studies that build leadership competencies and military skills in preparation for future responsibilities as army officers. Specific instruction in the principles of war, decision-making processes, planning models, and risk assessment. Advanced leadership instruction focuses on motivational theory, the role and actions of leaders, and organizational communications. *Prerequisite:* Military Science and Leadership 202, 204, or permission of departmental chair. *4 sem. hrs.*

**302 Fundamentals of Military Leadership and Training II.** Instruction and case studies that build upon the leadership competencies and military skills attained in Military Science and Leadership 301 in preparation for future responsibilities as army officers.

Specific instruction is given in individual leader development, planning and execution of small unit operations, individual and team development, and the army as a career choice. *Prerequisite:* Military Science and Leadership 301 or permission of departmental chair. *4 sem. hrs.*

**390 Independent Study.** In-depth exploration of a subject not included in other courses offered by the department to be done independently but under the supervision of a faculty member. *Prerequisites:* Two semesters of military science and permission of departmental chair. *1-4 sem. hrs.*

**401-402 Advanced Military Leadership.** Staff organization and procedures, training management, logistics, administration of military law, exercise of command/control and professional ethics. *Prerequisite:* Military Science and Leadership 302 or permission of departmental chair. *4 sem. hrs.*

## ROTC Program

The goal of the ROTC Program is to develop students to become commissioned officers of the U.S. Army, U.S. Army Reserve, or Army National Guard upon graduation. Enrollment in the ROTC Program and all out-of-class activities requires instructor approval and students must meet U.S. Army service entrance requirements in order to participate. Enrollment in the ROTC Program is mandatory for all students in the ROTC Program (ROTC scholarship students and students earning commissioning credit to become a U.S. Army officer). Students in the ROTC Program may participate in numerous adventure training schools to include Airborne School, Air Assault School, and summer officer internships at U.S. Army units throughout the world during the summer before their junior and senior year. All students enrolled in the ROTC Program attend the five-week National Advanced Leadership Camp at Fort Lewis, Washington during the summer before their senior year. Students in the ROTC Program may participate in the University Study Abroad Program with the appropriate departmental approval.

**101L-402L Leadership Lab.** Out-of-class activities each semester include six two-hour leadership labs, one 48-hour field leadership exercise, and physical fitness training. U.S. Army ROTC scholarship students and nonscholarship students seeking a commission must participate in this course and all requirements of this course each semester. *Prerequisite:* Enrollment in the ROTC Program required. *0 sem. hrs.*

## Modern Languages and Literatures

*Julie C. Hayes, Chair*

*Professors Hayes, Ravaux-Kirkpatrick, Terry*

*Associate Professors Bonfiglio, Bower, Bradley-Cromey, Feldman, Ferman, Howell, Hermida-Ruiz, Kasongo, Kerr, Perry, Troncale*

*Assistant Professors Abreu, Belliard, Gidrewicz, Kaempfer, O'Donnell*

*Instructors Dean, Fages, Matorras*

*Director of the Chinese Language Program Tan*

*Director of the Intensive Language Program in French Baker*

*Director of the Italian Language Program Marcin*

*Director of the Japanese Language Program Suzuki*

*Director of the Intensive Language Program in Spanish Peebles*

*Assistant Director of the Intensive Language Program in Spanish Lawrence*

*Director of the Multi-Media Language Laboratory Ross*

Introductory courses in literature, numbered 321-332, fulfill the Literary Studies field-of-study requirement in the general education curriculum.

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

## The Modern Languages and Literatures Majors (available in French, German, and Spanish)

### French Major

Four 300-level courses, including two of the four Introduction to Literary Studies courses (Poetry, Theatre, Prose, Francophone Survey).

Four 400-level courses; at least three must be numbered 411 or higher (literature/culture seminars)

One elective at any level (may be a MDLG course with LAC component)

Senior Portfolio Project (noncredit)

### French Major/International Business Option

(To be carried out in conjunction with a major in the Robins School of Business with an International Business concentration.)

Three 300-level courses (at least one FSLT)

One semester full-time study at an approved business school (with all-French curriculum) in a French-speaking country

Two 400-level courses numbered 411 or higher  
Senior portfolio project (noncredit)

### German Major

Four 300-level courses

Four 400-level courses

One elective (may be an MDLG with LAC component)

Senior Portfolio Project (noncredit)

### Spanish Major

Two skills-intensive language courses (Spanish 301, 302, 303, 304, 305, 306)

One of either Spanish 311 or 312

One 300-level literature course (FSLT)

Three 400-level seminars in literature and/or culture

Two electives numbered 311 or higher (may include Portuguese or one MDLG with LAC component)

Senior Portfolio Project (noncredit)

### Residency Requirement

For all majors, at least five of the nine courses must be taken on the University of Richmond campus in the language of the major. If the student participates in a study abroad program, at least one of these courses must be taken upon return from the program.

See International Studies curriculum for the following MLL-related majors: African Studies, Latin American Studies, Russian and East European Studies, Modern Europe.

### Senior Portfolio Project

The Portfolio Project provides an opportunity for synthesis and self-reflection and represents the range of interests and goals among students in the department's major programs. Students will structure their portfolios in accordance with the recommendations of the National Standards for Foreign Language Learning proposed by the American Council on the Teaching of Foreign Languages (Communication, Cultures, Connections, Comparisons, Communities). Upon declaring their major, students will receive a packet explaining the portfolio project and encouraging them to begin planning it well in advance with their major advisor. Students will submit the portfolio during the fall of their senior year.

### Study Abroad

Study and travel abroad are strongly encouraged for all students. The department offers summer study programs in Argentina, China, France, Germany, Honduras, Japan, Russia and Spain. In addition, there are exchange agreements for study during the academic year in Argentina, France, Germany, Mexico, Quebec, Russia, and

Spain; others are being negotiated. For a complete list, contact the Office of International Education.

### The Modern Languages and Literatures Minors

(available in Chinese, French, German, Japanese, Russian and Spanish)

French: Four courses at the 300 level (at least two literature courses), plus one 400-level course

German: 301, 311, 321, 322 and one 400-level course

Russian: 301, 311, 321, 322 and one 400-level course

Spanish: Four courses at the 300 level (at least one literature course and one "Perspectives" course), plus one 400-level course

Chinese and Japanese: 18 semester hours language study beyond the intermediate level (202); must include an approved study abroad experience

### Italian Studies Minor

Anthony Russell (English and Italian),  
Program Coordinator

Interdisciplinary investigation of Italian culture and history. Program requires completion of five or six courses (a minimum of 18 semester hours), with courses distributed as follows:

A. Students must take either three Italian courses (above the 200-level) in the Modern Languages and Literatures Department, or two Italian courses and two courses outside MLL with a Languages Across the Curriculum component.

B. Remaining coursework must be fulfilled outside the Modern Languages and Literatures Department. A substantial portion of the content of these courses must be devoted to Italian Studies. For a list of existing courses that satisfy this requirement, contact the program coordinator. In addition to the regularly offered courses there will be others offered occasionally which may count towards an Italian Studies Minor. All courses outside MLL that can be taken for credit towards the minor will be announced by the program coordinator at the beginning of each registration period. Students are strongly encouraged to satisfy some of the requirements of the minor by studying abroad.

### Administration

*Placement:* A student who desires to continue study of a language begun elsewhere or spoken as a native tongue will be placed for continuation by the Department of Modern Languages and Literatures. The determination of level may be by the score received on the College Board Achievement Test in a given language, by the evaluation of a required placement test, or, in

special cases, by interview. Students who meet the foreign 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 graduation for 100- or 200-level sequential coursework which is taken after credit has been earned in coursework more advanced in the sequence.

*Medium of Instruction:* All courses taught in the department are taught in the respective language with the exception of the courses listed in the Modern Languages category and designated courses in Russian.

### Chinese Courses (CHIN)

**101-102 Elementary Chinese.** Introduction to standard Chinese (Putonghua) with emphasis on spoken language as it is used today. Reading and writing of new-style characters (Jiantizi). Study of Chinese cultural forms that underlie the language. *Prerequisite:* 101 is prerequisite to 102. *4-4 sem. hrs.*

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

**301 Conversational Chinese.** Development of competent aural, oral communication, and writing skills in Chinese, with stress on vocabulary extension, pronunciation, and grammatical and communicative accuracy. Materials in relation to business documents and transactions commonly used in China will also be discussed. *Prerequisite:* Chinese 202. *3 sem. hrs.*

**302 Conversational Chinese.** (Summer only; taught in China). Reinforcement of competent aural and oral communication skills in Chinese. Opportunities to interact with native speakers/language partners on a regular basis. *Prerequisite:* Chinese 202. *3 sem. hrs.*

**311 Insights into Chinese Culture.** Introduction to major current issues and influential figures on political, social, and in particular, cultural scenes of China, Hong Kong, and Taiwan, with reference to relevant historical background. *Prerequisite:* Chinese 202. *3 sem. hrs.*

**312 Insights into Chinese Culture.** (Summer only; taught in China). Reinforcement of communicative language skills, reading and writing. Emphasis on major current issues and cultural scenes of China and Hong Kong, with reference to relevant historical background. Students will be participating in various field trips. *Prerequisite:* Chinese 202. *3 sem. hrs.*

**401-402 Advanced Chinese Language, Literature and Culture.** This course prepares for more advanced study of Chinese through rigorous vocabulary expansion, more sophisticated language usage patterns, and introduction to basics of formal and literary styles. Materials are designed to advance the student's fluency for everyday communicative tasks as well as reading skills. *Prerequisites:* Chinese 301 and 311 or permission of the instructor. *3-3 sem. hrs.*

**495 Independent Study.** Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

**497 Selected Topics.** Special interest topics offered at department's discretion. Recent topics include Contemporary Readings in Culture, Literature, and History; and Romance. *Prerequisite:* Chinese 301 or permission of instructor. *1-3 sem. hrs.*

### French Courses (FREN)

**121 Intensive Elementary French.** Introduction to French language and culture. Emphasis on oral communication. Development of elementary reading and writing skills. *6 sem. hrs.*

**221 Intensive Intermediate French.** Reinforcement of communicative language skills. Increased emphasis on reading, writing, and culture. *Prerequisite:* French 121 or permission of department. *6 sem. hrs. (COM2)*

*General Prerequisite for French 301 through 324: French 221 or permission of department. It is strongly recommended that French 305 be taken prior to the literature courses 321-324.*

**301 French Conversation.** Development of speaking ability in French, with stress upon vocabulary expansion, pronunciation, and communicative accuracy, through representations of French culture in film and other media. *4 sem. hrs.*

**304 French Grammar Review.** A comprehensive study of the elements of French grammar. *4 sem. hrs.*

**305 French Composition.** Development of competent writing skills on variety of topics. *4 sem. hrs.*

**306 Commercial French.** Essential vocabulary and concepts specific to French business, and introduction to basic workings of French business including correspondence. *4 sem. hrs.*

**311 Life and Issues in the French-Speaking World.** Exploration of significant themes and issues in contemporary French and Francophone culture set in the context of French history and cultural traditions. *4 sem. hrs.*

**321 Introduction to French Literature: Poetry.** Introduction to French poetry and literary analysis. Fundamental questions concerning nature of poetry as artistic phenomenon. *4 sem. hrs. (FSLT)*

**322 Introduction to French Literature: Theater.** Introduction to French theater through literary analysis of representative plays from Middle Ages to twentieth century. *4 sem. hrs. (FSLT)*

**323 Introduction to French Literature: Prose.** Introduction to French literature and literary-critical analysis emphasizing both narrative and non-narrative prose. *4 sem. hrs. (FSLT)*

**324 Introduction to Francophone Literature.** Introduction to Francophone texts by African, Caribbean, Maghrebian, and Canadian writers from Negritude era to Post-Colonial period. *4 sem. hrs. (FSLT)*

**388 Individual Internship.** (See Modern Languages 388.) *1-2 sem. hrs.*

**397 Selected Topics.** *1-4 sem. hrs.*

**402 Advanced French Conversation.** Development of advanced speaking skills beyond 301 level. *Prerequisite:* French 301 or permission of department. *4 sem. hrs.*

**404 Advanced Composition and Syntax.** *Prerequisite:* French 305 or permission of department. *4 sem. hrs.*

*Prerequisite to French courses numbered 411 or above are two of the following: French 321, 322, 323, 324, the equivalent, or permission of department.*

**411 The French Middle Ages: Alterity and Modernity.** Analysis of issues such as orality and literacy, governance, social order, human values and ideals, authorship, gender, and artistic production as manifested in significant texts from 11th to 15th centuries. *4 sem. hrs.*

**421 Renaissance.** Exploration of literature of a France transformed by Reformation and Renaissance: the poetry of love; devotion and play; the prose of wisdom. *4 sem. hrs.*

**431 Le Siècle Classique.** Exploration of both triumphs and powerful tensions within 17th-century culture, with attention to such issues as political patronage of the arts, women intellectuals and salon culture, courtly life at Versailles, social satires of Molière, and place of dissent within the absolutist state. *4 sem. hrs.*

**441 Enlightenment.** Literary and philosophical texts of 18th century, emphasizing questions on selfhood, social life, gender relations and power. Topics include the Libertine Tradition, Novel and Society, Enlightenment Women, and Transgression. *4 sem. hrs.*

**451 From Romanticism to Decadence.** Issues of gender, subjectivity, and sociohistorical context in works by poets, novelists, and historians in the numerous and varied cultural movements of 19th-century France. Topics include: Desire and Representation in the Novel, La Fin de Siècle, Symbolist Poetry, Romanticism. *4 sem. hrs.*

**461 From Modern to Postmodern.** Trends in 20th-century and contemporary French poetry, drama, and fiction, set in the context of painting, film, and other experimental art forms. Recent topics include otherness, gender, creativity, the nature of truth, and the quest for self-expression. *4 sem. hrs.*

**465 French Film.** Survey of development of French Cinema with emphasis on 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, historical or political perspectives, etc. *4 sem. hrs.*

**471 Francophone Studies.** Literary and cultural studies of modern Francophone texts by African, Caribbean, Québécois, Maghrebian, and other French-speaking writers. Recent topics include: tradition, postcolonialism, and modernity; aesthetics; négritude; and writers and the international audience. *4 sem. hrs.*

**487 Contemporary Ideas.** Readings and discussion of recent works which have provoked political or intellectual debate in France and the French-speaking world. *4 sem. hrs.*

**495 Independent Study.** Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

**497 Selected Topics.** Experimental topics based on student and faculty interests. Recent topics: Autobiography; The Emergence of Drama; The Letter in Philosophy and Literature; Women Writing in French. *1-4 sem. hrs.*

## German Courses (GERM)

**101-102 Elementary German.** Introduction to German language and culture. *Prerequisite:* German 101 is prerequisite to 102. *3-3 sem. hrs.*

**201-202 Intermediate German.** Active practice and reinforcement of language skills and study of culture. *Prerequisite:* German 102 or permission of department. German 201 is prerequisite to 202. *3-3 sem. hrs.* (202 only, COM2)

**301 German Conversation and Composition.** Development of fluency through conversation on topics selected for learning most common idiomatic expressions. Practice in composition. German 321 or 322 may be taken concurrently. *Prerequisite:* German 202 or permission of department. *4 sem. hrs.*

**305 German Grammar and Composition.** Concise review of basic principles of German grammar and development of competent writing skills. German 321 or 322 may be taken concurrently. *Prerequisite:* German 202 or permission of department. *4 sem. hrs.*

**311 German Culture and Civilization.** An overview of the movements affecting cultural development in German-speaking countries from the Reformation to the present through the analysis of selected historical documents, literary and philosophical texts, films, and

the visual art. *Prerequisite:* German 202 or permission of instructor. *4 sem. hrs.*

**321-322 Introduction to German Literature.** Introduction to analysis and interpretation of literary texts in their aesthetic, historical, socio-economic, and cultural contexts. Attention to representation, polyphony, rhetorical devices, and politics of text. Development of written critical apparatus. German 301 or 302 may be taken concurrently. *Prerequisite:* German 202 or permission of department. *4-4 sem. hrs.* (FSLT)

**388 Individual Internship.** (See Modern Languages 388.) *1-2 sem. hrs.*

**397 Selected Topics.** *1-4 sem. hrs.*

**402 Advanced German Conversation.** Discussion at advanced level of fundamental themes in development of German thought or production of German play. *Prerequisite:* German 301-302 or permission of department. *4 sem. hrs.*

**404 Advanced Composition and Syntax.** Advanced grammar, syntax, and stylistics. *Prerequisite:* German 301-302 or 305 or permission of department. *4 sem. hrs.*

*Prerequisite to 400-level German literature courses: German 321 or 322 or permission of department.*

**441 Enlightenment, Storm and Stress, Classicism.** Survey of major writers and movements of 18th century, such as Lessing, Kant, Winckelmann, Klopstock, Goethe, and Schiller. *4 sem. hrs.*

**442 German Romanticism.** German Romantic movement as contrasted with Classicism. Includes such authors as Schlegel, Tieck, Novalis, and Eichendorff. *4 sem. hrs.*

**452 Fin-de-siècle.** Survey of major writers and thinkers who mark transition from 19th to 20th centuries and to modernity, such as Marx, Freud, Nietzsche, Andreas-Salomé, Wedekind, Schnitzler, Mann, Kafka, and Brecht. *4 sem. hrs.*

**465 Responses to the Third Reich in Literature and Film.** Critical analyses of texts and films dealing with subject of the Third Reich and the Holocaust. Reading texts include writings by Christa Wolf and Ruth Klüger as well as interviews and poetry. Film viewings include examples from Nazi cinema as well as contemporary filmic responses to the Third Reich. *4 sem. hrs.*

**471 Gender and Performance in Twentieth-Century Literature and Film.** Examination of various treatments of gender and the construction of gender as a mutable category in social interaction in 20th-century German literature and film. *4 sem. hrs.*

**472 Multiculturalism, Identity, and Authorship in the German Context.** Investigation of literary and filmic texts from Expressionism to the present to examine increasing diversity and complexity of identities and social relations in the German context. *4 sem. hrs.*

**495 Independent Study.** Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

**497 Selected Topics.** Special interest topics offered at department's discretion. *1-4 sem. hrs.*

## Italian Courses (ITAL)

**101-102 Elementary Italian.** Introduction to Italian language and culture; development of skills in listening, speaking, reading, and writing. Italian 101 is prerequisite to 102. *3-3 sem. hrs.*

**201-202 Intermediate Italian.** Active reinforcement and practice of listening, speaking, reading, and writing, within contemporary cultural contexts. *Prerequisite:* Italian 102 or permission of department. Italian 201 is prerequisite to 202. *3-3 sem. hrs.* (202 only, COM2)

**301 Italian Conversation through Cinema.** Development of effective communication through viewing and discussion of contemporary films. *Prerequisite:* Italian 202 or permission of instructor. *4 sem. hrs.*

**311 The Three Regions.** Comparative investigation of Tuscany, Veneto, and Sicily through historical, literary, artistic, political, and other cultural perspectives. Emphasis will be placed on the development of reading and writing skills. *Prerequisite:* Italian 202 or permission of instructor. *4 sem. hrs.*

**321 Readings in Italian Literature.** Introduction to Italian literature through analysis of selected works in their historical, aesthetic, socio-political, and other cultural contexts. *Prerequisite:* Italian 301 or 311 or permission of instructor. *4 sem. hrs.*

**388 Individual Internship.** (See Modern Languages 388.) *1-2 sem. hrs.*

**495 Independent Study.** Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

**497 Selected Topics.** Special interest topics offered at department's discretion. *Prerequisite:* Permission of the department. *1-4 sem. hrs.*

## Japanese Courses (JAPN)

**101-102 Elementary Japanese.** Basic speaking, reading, and writing (hiragana, katakana, and simple kanji) with emphasis on oral performance in class. *Prerequisite:* Japanese 101 is prerequisite to 102. *4-4 sem. hrs.*

**201-202 Intermediate Japanese.** Further development of skills in speaking, reading, and writing (appr. 250 kanji), continued emphasis on oral performance. *Prerequisite:* Japanese 102 or permission of department. Japanese 201 is prerequisite to 202. *4-4 sem. hrs.* (202 only, COM2)

**301-302 Japanese Conversation.** Continued development of speaking, reading, and writing (with concentration of joyo kanji list). Strong emphasis on contemporary oral language of Japan. *Prerequisite:* Japanese 202 or permission of department. Japanese 301 is prerequisite to 302. *3-3 sem. hrs.*

**310 Japanese Culture—Programmed Activities.** (Summer only; taught in Japan.) Practical approach to relationship between Japanese language and culture. Emphasis on oral and written skills in weekly schedule of three to four days in local business along with three days in class. *Prerequisite:* Japanese 302 or permission of department. *3 sem. hrs.*

**401-402 Advanced Japanese Language, Literature and Culture.** This course prepares for more advanced study of Japanese through rigorous vocabulary expansion, more sophisticated language usage patterns, and expanded work in kanji. Materials are designed to advance the student's fluency for everyday communicative tasks as well as reading skills. *Prerequisite:* Japanese 302 or permission of instructor. *3-3 sem. hrs.*

**495 Independent Study.** Special projects individually pursued under supervision of faculty member. *Prerequisite:* Japanese 302 or permission of department. *1-3 sem. hrs.*

**497 Selected Topics.** Special interest topics offered at department's discretion. *Prerequisite:* Permission of department. *3 sem. hrs.*

## Modern Languages Courses (MDLG)

All courses under Modern Languages are taught in English; they have no prerequisite, except as noted. MDLG courses numbered 350 and above may be counted as elective credit toward a French, German, or Spanish major if taken in conjunction with a Languages-Across-the-Curriculum (LAC) component (1 sem. hr.). For a full description of the LAC program, see pp. 54.

**313 French Literature in Translation.** Introduction to French literature through analysis of major and representative texts. Not available as elective credit toward the French major or minor. *4 sem. hrs.* (FSLT)

**319 Hispanic Literature in Translation.** Hispanic masterpieces in translation. Not available as elective credit towards the Spanish major or minor. *4 sem. hrs.*

**321-322 Russian Literature in Translation.** (See Russian 321-322.) *4-4 sem. hrs.* (FSLT)

**350 Introductory Linguistics.** General, historical, and/or descriptive linguistics. *Prerequisite:* Completion of Communication Skills II-Foreign Language requirement. *3 sem. hrs.*

**351 Contemporary Literary Theory.** Recent developments in critical theory, including post-structuralist, feminist, and psychoanalytic perspectives. *3 sem. hrs.*

**356 Freud.** A close reading of representative texts by Freud in the context of his presence within the discourses of modernity and postmodernity, with emphasis on the use of psychoanalytic interpretive models in literary theory, aesthetics, philosophy, cultural studies, and gender studies. *Prerequisite:* Sophomore standing. *3 sem. hrs.*

**360 Representing the Holocaust.** Critical analyses of visual and textual representations of the Holocaust in an international context. The course raises questions about the limits and meaning of Holocaust representations as well as their ideological and moral implications. *Prerequisite:* Sophomore standing. *3 sem. hrs.*

**388 Individual Internship.** Students lead drill sections of elementary and intermediate language courses in French, German, Italian, and Spanish. Internship credit does not count toward a major or minor in the language. *Prerequisite:* Admission by audition. *1-2 sem. hrs.*

**397 Selected Topics.** Special interest topics offered at department's discretion. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

**410 The Teaching of a Modern Foreign Language.** Theory and practice of teaching second or foreign language, including English as second language, at different levels. Designed to enable teachers to meet state licensure requirements. *Prerequisite:* Completion of an MLL minor, the equivalent, or permission of department. *3 sem. hrs.*

**495 Independent Study.** Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

**497 Selected Topics.** Experimental and special interest topics offered at department's discretion. Recent topics: Cultures in Translation; Constructions of Identity. *1-4 sem. hrs.*

## Russian Courses (RUSN)

**101-102 Elementary Russian.** Introduction to Russian language and culture. *Prerequisite:* Russian 101 is prerequisite to 102. *4-4 sem. hrs.*

**201-202 Intermediate Russian.** Active practice and reinforcement of language skills and study of culture. *Prerequisite:* Russian 102 or permission of department. Russian 201 is prerequisite to 202. *4-4 sem. hrs.* (202 only, COM2)

**301 Russian Conversation.** Emphasizes development of spoken Russian and comprehension of contemporary Russian within cultural context. *Prerequisite:* Russian 202 or permission of department. *4 sem. hrs.*

**311 Russian Language in Culture.** Introduction to contemporary topical issues from the perspective of

historical patterns in Russian culture. Topics include Russian family life, youth culture, contemporary media and marketing, women in the work place, etc. Primary and secondary materials place practical emphasis on vocabulary building and the development of written compositional skills. *Prerequisite:* Russian 202 or permission of instructor. *4 sem. hrs.*

**312 Russian Culture and Civilization.** An introduction to contemporary issues in Russia and the territory of the former Soviet Union from an interdisciplinary perspective. The development of Russian civilization is considered from perspectives of the arts, history, religion, philosophy, women's issues, environmental and social challenges. Taught in English; open to all students. *Prerequisite:* None. *4 sem. hrs.*

**321 Introduction to Nineteenth-Century Russian Literature.** Introduction to Russian literature and critical literary analysis. From Pushkin and Gogol through Dostoevsky and Tolstoy. Taught in English. *4 sem. hrs.* (FSLT)

**322 Introduction to Twentieth-Century and Contemporary Russian Literature.** Introduction to Russian literature and critical literary analysis. Includes Modernism, Soviet Socialist Realism, and contemporary Russian fiction. *4 sem. hrs.* (FSLT)

**388 Individual Internship.** (See Modern Languages 388.) *1-2 sem. hrs.*

**401-402 Advanced Russian.** Discussion in Russian at advanced level of selected topics and readings in Russian literature. *Prerequisite:* Russian 301-302 or permission of instructor. *4-4 sem. hrs.*

**421-422 Russian Literature in the Original.** First semester: Literature prior to 1917; second semester: Soviet period. Textual selections from major Russian authors read and discussed in Russian. *Prerequisite:* Russian 301 or permission of instructor. *4-4 sem. hrs.*

**495 Independent Study.** Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

**497 Selected Topics.** Special interest topics offered at department's discretion. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

## Spanish Courses (SPAN)

**121 Intensive Elementary Spanish.** Introduction to Spanish language and culture. Emphasis on oral communication. Development of elementary reading and writing skills. *6 sem. hrs.*

**221 Intensive Intermediate Spanish.** Reinforcement of communicative language skills. Increased emphasis on reading, writing, and culture. *Prerequisite:* Spanish 121 or permission of department. *6 sem. hrs.* (COM2)

Students interested in enrolling at the 300 and 400 levels are strongly encouraged to consult an advisor in

the Spanish section before registration. In certain cases, such as that of Spanish heritage speakers, students may need to consult an advisor in order to tailor their program to their specific needs.

*General prerequisites for Spanish 301-321: Spanish 221 or permission of department. Enrollment in 300-level courses numbered 311 and higher will require the completion of one 300-level language course or permission of department.*

**301 Spanish in the Community.** Development of aural, oral and written communication skills through the study of the Latin American immigrant experience. In addition to the classroom study of Hispanic immigrant literature, newspapers, films and TV programming, students will participate in a service learning project in the local Hispanic community, tutoring younger students and visiting their families. Students will make oral and written presentations and keep a journal of their service experience. *Prerequisite:* Completion of Spanish 221 or equivalent. *4 sem. hrs.*

**302 Spanish through Literature.** Development of aural, oral and written communication skills through literary texts of the Hispanic world. Students will read poems, short stories, plays and short novels and interpret them through class discussions and regular writing assignments. *Prerequisite:* Completion of Spanish 221 or equivalent. *4 sem. hrs.*

**303 Spanish in the Media.** Development of aural, oral and written communication skills through a focus on mass media in Spanish and Latin American culture. Spanish will be taught through direct contact with newspapers, journals, TV programming, and films. Students are expected to participate actively in class debates and presentations, write on a regular basis, and view all programs and films assigned by the instructor. *Prerequisite:* Completion of Spanish 221 or equivalent. *4 sem. hrs.*

**304 Spanish at Play.** Development of aural, oral and written communication skills analysis, study, and performance of contemporary theatre plays from Latin America. Special attention will be given to the discussion of the social, cultural, historical and political aspects of the texts studied. *Prerequisite:* Completion of Spanish 221 or permission of department. *4 sem. hrs.*

**305 Spanish in Politics and Society.** Development of aural, oral and written communication skills through the study and discussion of current events and issues in the Spanish-speaking world. *Prerequisite:* Completion of Spanish 221 or permission of department. *4 sem. hrs.*

**306 Spanish in Business.** Further developing aural and oral communication skills relative to commercial documents and transactions commonly used in Hispanic world. Practice in writing based on materials needed for conducting business in Spanish. *4 sem. hrs.*

**311 Perspectives on Peoples and Cultures of Spain.** Study of society, arts, history, and ideas of Spain. *4 sem. hrs.*

**312 Perspectives on Cultures and Nations of Latin America.** Study of society, arts, history, and ideas of Latin America. *4 sem. hrs.*

**321 Literary Spain: Poetry, Drama, Fiction.** Introduction to literary analysis within the cultural context of Spain. Critical tools for approaching specific literary genres: short story, novel, poetry, and drama. Readings are selected for their literary, cultural and historical significance. *Prerequisite:* One 300-level course in Spanish language or permission of the department. *4 sem. hrs.* (FSLT)

**331-332 Introduction to Spanish-American Literature, I-II.** Introduction to Spanish-American literature and critical literary analysis. Focus on primary texts dating from 15th through 19th centuries (331); 20th century (332). *4-4 sem. hrs.* (FSLT)

**385 Spanish Writing Workshop.** Analysis of grammatical structure of Spanish. Writing practice. *Prerequisites:* Two 300-level Spanish language courses (301-306). *4 sem. hrs.*

**388 Individual Internship.** (See Modern Languages 388.) *2 sem. hrs.*

**390 Portuguese for Spanish Speakers.** Accelerated introduction to Brazilian Portuguese language and culture for students already proficient in Spanish. Focus on developing listening, speaking, reading and writing skills through the study of grammar and selected readings. *Prerequisite:* One Spanish course at the 400 level or permission of instructor. *4 sem. hrs.*

**391 Contemporary Luso-Brazilian Readings.** Introduction to the literary and cultural productions of the seven Portuguese-speaking countries through the analysis of selected texts. A writing component is designed to further strengthen and develop students' Portuguese skills. Conducted in Portuguese. *Prerequisite:* Spanish 390 or permission of instructor. *4 sem. hrs.*

**397 Selected Topics.** Special interest topics offered at department's discretion. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

*All students majoring in Spanish must take two 300-level language courses as a prerequisite for the coursework at the 400 level. Exceptions may be granted only with the permission of the department. Enrollment in the 400-level literature and culture courses will require the completion of one 300-level Spanish FSLT course or permission of the department.*

**421 Arabs, Jews and Christians from Frontier to Empire: Medieval Spanish Literature.** Analysis of significant impact of conflictive coexistence of Christians, Arabs and Jews on Medieval Spain. *4 sem. hrs.*

**431 Imperial Spain: The Age of Conflict.** Study of literary responses to new constitution of Spain as Empire and new definitions of Spanish identity. *4 sem. hrs.*

**432 True Lies: Fiction and Truth in *Don Quijote*.** Study of Cervantes' successful formula for the novel. Will analyze conflict between fiction and truth as basis for new realist novel proposed by Cervantes. *4 sem. hrs.*

**451 Literature of Exile.** Study of various meanings and experiences of exile in Spain during 18th and 19th centuries. *4 sem. hrs.*

**452 Spanish-American Poetic Texts.** Study of communicative power of poetic language with special emphasis given to identification of basic tools for interpreting poetic texts and individual and general cultural milieu which each poem represents. *4 sem. hrs.*

**461 The Spanish Labyrinth.** Question of Spain's national identity as addressed by the Generation of 1898. Attention given to various ways these writers attempt to bring order to chaos as they try to rediscover meaning of pain and significance of being Spanish. *4 sem. hrs.*

**462 Visions of Contemporary Spain.** Study of impact of the Civil War on literary representations of Spain. Attention will be given to social realism, subjective realism, imaginative expression, and literature as self expression. *4 sem. hrs.*

**463 Modern Spanish Narrative.** Study of representative narrative texts from the 19th to the 21st centuries. Emphasis on the technical and thematic innovations of the novel and the short story as well as the social and historical contexts that have shaped literary production. *Prerequisite:* One 300-level literature course. *4 sem. hrs.*

**464 Modern Theatre in Spain.** Study of written dramatic texts and performance traditions from Spain. Selections may include works from the 18th century to the present. *Prerequisite:* One 300-level Spanish course in literature or culture or permission of the department. *4 sem. hrs.*

**465 Spanish Cinema.** Study of significant Spanish films with special attention to their relationship to politics, culture, society, and history. *Prerequisite:* One 300-level Spanish course in literature or culture or permission of the department. *4 sem. hrs.*

**471 Latin American Cinema.** Study of prominent examples of Latin American film production with special attention paid to aesthetic aspects of cinematographic language and cultural questions embodied in films examined. *4 sem. hrs.*

**472 Contemporary Spanish-American Theater.** Study of leading contemporary theatrical movements in Spanish America with focus on universal aspects of language of theater and uniqueness of Spanish-American themes and trends. *4 sem. hrs.*

**475 Women and Writing in Latin America.** Question of representation and self-representation of women in selected Spanish-American texts. Attention given to recently developed theories relevant to women's writing and concerns. *4 sem. hrs.*

**477 Literature of the Spanish-Speaking Caribbean.** Study of texts representative of multiple ethnic and cultural influences (indigenous, European, and African) at play in Caribbean basin. *4 sem. hrs.*

**484 The Latin American Essay.** This seminar examines the cultural history of Latin America and the construction of its intellectual traditions through the study of the essay. Special attention will be given to the definition of the genre within Spanish-American literature and its role in public debates from colonial to contemporary Latin America. *Prerequisite:* One approved 300-level course in Spanish literature or permission of the department. *4 sem. hrs.*

**485 Spanish-American Narrative.** Study of representative Spanish-American novels and/or short stories from 19th and 20th centuries. Attention given to technical aspects of literary narrative as well as cultural contexts within which each work was created. *4 sem. hrs.*

**486 U.S. Latino/a Literature.** Comprehensive study of the Hispanic American's struggle for identity in light of his/her historical, ethnic, economic, and cultural position in the United States. Significant focus on Mexican-American literary expression. *4 sem. hrs.*

**487 Latin America: Encounter and Conflict.** Thematic study of representative Spanish-American texts, focusing on search for identity and confrontation occurring between different societies, systems of thought, and cultures. *4 sem. hrs.*

**495 Independent Study.** Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-4 sem. hrs.*

**497 Selected Topics.** Special interest topics offered at department's discretion. *1-4 sem. hrs.*

## Music (MUS, MSAP, MSEN)

*Gene Anderson, Chair*

*Professor Anderson*

*Associate Professors Becker, Cable, Davison, Riehl*

*Assistant Professors Broening, Hooker*

*Quartet-in-Residence Shanghai Quartet*

*Director of Accompaniment Kong*

*Director of the Modlin Center for the Arts Panoff*

*Piano Technician Breakall*

*Over 30 adjunct music faculty members teach applied music lessons. Adjuncts are professional musicians including principals of the Richmond Symphony.*

**Note:** The grade point average of the course-work comprising the major or minor must be no less than than *C* (2.0).

## Degree Programs in Music

The Department of Music offers a Bachelor of Arts in Music with concentrations in either performance-literature or theory-history-composition.

## Information for Prospective Majors

All prospective music majors must take a theory placement test at the beginning of their first semester of study. Those in the Performance-Literature Concentration must audition on voice or their primary instrument before beginning private lessons and pass a Continuation Exam in the form of an expanded jury after four semesters of applied study.

## The Music Major

Forty-four semester hours of music courses, including a Piano Proficiency Requirement (either demonstrated by examination or satisfied by successfully completing Music 155 or Applied Music 161) and a Concert Attendance Requirement (satisfied by successfully completing Music 095 each semester student is a major). Electives comprise courses above 200 and applied courses (to a maximum of two credits) but exclude Music 388. NOTE: Pianists in the Performance-Literature-Concentration may substitute three hours in large performing ensembles and three hours in small performing ensembles for the Ensemble Requirement.

## Performance-Literature Concentration

*Required:*

109 Elementary Musicianship	1 hour
110 Tonal Harmony I: Common Practice Period	4 hours
211 Tonal Harmony II: Chromaticism	4 hours
212 Analytic Approaches to Contemporary Music	4 hours
227-228 General History of Music	4-4 hours
350 Student Recital	1 hour
401-402 Final Project	1-1 hour

Six semesters of applied study on major instrument or voice

Four semesters of large ensemble participation

Two semesters of small ensemble participation

Eight hours of electives

## History-Theory-Composition Concentration

*Required:*

109 Elementary Musicianship	1 hour
110 Tonal Harmony I: Common Practice Period	4 hours
211 Tonal Harmony II: Chromaticism	4 hours

212 Analytic Approaches to Contemporary Music	4 hours
227-228 General History of Music	4-4 hours
306 Introduction to Composition	2 hours
401-402 Final Project	1-1 hour

Four semesters of applied study on major instrument or voice

Two semesters of large ensemble participation

Two semesters of small ensemble participation

Eleven hours of electives

## Music Minor

*Required:*

Twenty-one hours of music courses, including:

Four hours in Music Theory:

109 Elementary Musicianship	1 hour
Additional course in Theory/Technology	3-4 hours
Seven hours in Music History	
227-228 General History of Music	4-4 hours
OR	
Another 200-level course in History/Popular Culture in place of 227 or 228	

Two semesters of applied study

Two semesters of large ensemble participation

Six hours of electives, of which at least three hours must be in courses above 200-level, excluding ensembles, keyboard skills, applied courses, or Music 388.

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

See pages 150-151.

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

See page 150.

## Music in Popular Culture Courses (MUS)

**115 All That Jazz.** For general student. Survey of cultural history of jazz; of jazz styles from 1917 to present; and of evolution of jazz from African music, music of slavery, ragtime and blues. Includes concert attendance and performance project. *3 sem. hrs.* (FSVP)

**117 Salsa Meets Jazz.** For general student. Traces influx of Latin-American music into North American jazz. Connects music and dances of Cuba, Puerto Rico, Argentina, and Brazil to their subsequent synthesis in jazz. *3 sem. hrs.* (FSVP)

**118 The Life and Music of Duke Ellington.** For general student. Musician and bandleader Edward Kennedy Ellington was one of the most prolific American composers of the 20th century. Examines his life and considers aspects of his unique contribution to jazz history. *3 sem. hrs.* (FSVP)

**119 Broadway Musical Theatre.** (See Theatre Arts 119.) *3 sem. hrs.* (FSVP)

**120 The Music and Poetry of Jazz.** For general student. Exploration of form, rhythm, and sound of jazz and its impact upon poets who respond to jazz in all its musical and cultural overtones. Music includes range of jazz: from early blues to free jazz and experimental music. *3 sem. hrs.* (FSVP)

**121 Music in Film.** For general student. Study of interaction of music and visual image in Hollywood film; emphasis on nature of musical meaning, music and association, and music as a cultural code. *3 sem. hrs.* (FSVP)

**122 Music of Our Time.** For general student. Study of interaction of classical and popular music today. Broad-based consideration of such topics as musical imagery, representation, and interpretation. *3 sem. hrs.* (FSVP)

**123 Meaning and Music.** For general student. Explores aspects of meaning as it pertains to the musical arts. Considers such issues of emotion and music, expectations of the listener, music and representation, and composer/performer intentions. *3 sem. hrs.* (FSVP)

**126 Side by Side with Sondheim.** For general student. Focuses on Broadway musicals of Stephen Sondheim. Provides basic background in music theory and listening skills and culminates with performances of scenes from Sondheim's works by class members. *3 sem. hrs.* (FSVP)

**209 Music and Society.** Explores effects of social, economic, and political structures on composition, performance, and listening of music. Topics include autonomous music and aesthetic ideology, the role of the composer in several historical periods, and new modes of listening developed in response to electronic dissemination of music. *Prerequisites:* Any 100-level music course or experience in music ensemble or permission of instructor. *4 sem. hrs.*

## Music History and Literature Courses (MUS)

**095 Concert Experience.** Attendance at selected live concerts. May be repeated. Graded Satisfactory/Unsatisfactory. *Prerequisite:* Music Major. *0 sem. hrs.*

**112 Topics in Music Literature.** Special topics for general student. May be repeated for credit when topics vary. *3 sem. hrs.*

**116 The Music Scene.** For general student. Survey of classical music. Organized around attending selected concerts in Richmond; study of classical music genres. Includes concert attendance and performance project. *3 sem. hrs.* (FSVP)

**204 Choral Music and Creed.** Major religious and cultural trends in the history of the West approached through selected choral masterworks by considering the sources and cultural functions of the texts, the philosophical outlook of the composer, and the ways the available musical resources of the period were used. (Same as Religion 204.) *3 sem. hrs.* (FSVP)

**227-228 General History of Music.** Chronological study of development of Western music from its ancient beginnings. First semester: from antiquity to 1750; second semester: 1750 to present. *Prerequisite:* Music 109 or permission of instructor. *4-4 sem. hrs.*

**231 Music in Culture: Introduction to World Music.** Introduction to ethnomusicology and the study of music as a human activity. Will explore ways different people create music, communicate about music, consume and transmit music, and use music to create meaning. Topics may include traditional (folk), popular, and cultivated musics around the world, including North America. Includes participation in and observation of music events. *3 sem. hrs.* (FSVP)

**232 Nationalism and Music.** Investigation of ways music is used as a symbol of national identity, either as folk music, art music, or popular music. Emphasis on European repertoire, especially that from Central and Eastern Europe. Issues may include authenticity, exoticism, race and music, politics and music, and national music in the global marketplace. *3 sem. hrs.*

**330 An Era of Spectacle: Music and Art in the Baroque Period.** (See Art 330.) *3 sem. hrs.*

**338 Special Topics in Music History, Theory or Music Education.** Selected topics such as musical genre, works of a specific composer, or methods of teaching and learning music. May be repeated for credit when topics vary. *Prerequisite:* Music 227 or 228 or permission of instructor. *3 sem. hrs.*

**339 Passion and Pleasure: Study of Secular Vocal Music, 1600 to present.** Study of use of text in popular secular vocal music, beginning in 1600 and ending with the popular music of our time. Areas of concentration include solo song, solo cantata, opera, blues, funk, and rock. *Prerequisite:* Music 227 or 228 or permission of instructor. *3 sem. hrs.*

**342 Beethoven: Renegade Genius of the String Quartet.** In-depth look at the string quartets of Beethoven, as well as those of important predecessors, contemporaries, and successors. Includes cultural, historical, and biographical perspectives. Co-taught by members of the Shanghai Quartet. *Prerequisite:* Music 227 or 228 or permission of instructor. *3 sem. hrs.*

**343 The Mass from Plainchant to Pärt.** Study of representative musical settings of the Mass from middle ages to present day; emphasis on tensions between artistic expression and liturgical function. *Prerequisite:* Music 227 or 228 or permission of instructor. *3 sem. hrs.*

## Music Theory Courses (MUS)

**107 Music Fundamentals.** For students with little or no previous training in theory or piano. Practical understanding of intervals, scales, keys, chord structures, and rhythm, using keyboard and sight-singing as vehicles of instruction. Does not count toward music major degree. *3 sem. hrs.* (FSVP)

**109 Elementary Musicianship.** Entry-level Theory course for prospective majors and minors. Proficiency-based study of sight-singing, ear training, rhythm reading, music writing, and other essential theory skills. Extensive use of Computer-assisted instruction. Two meetings per week. *1 sem. hr.* (FSVP)

**110 Tonal Harmony I: Common Practice Period.** Study and application of harmonic practice in Western music of 17th through 19th centuries. Written musical exercises include original compositions and written analyses of selections from tonal literature. Continuation of musicianship exercises from Music 109. *Prerequisite:* Music 109. *4 sem. hrs.*

**155 Keyboard Skills.** Development of keyboard proficiency, including reading, interpretive skills, harmonization, and technique. May be repeated until proficiency is reached. Class twice weekly. *1 sem. hr.*

**211 Tonal Harmony II: Chromaticism.** Continuing work in study and application of harmonic practice in Western music of late 18th through early 20th centuries. Written musical exercises include original compositions and written analyses of selections from chromatic literature. Continuation of musicianship exercises from Music 109. *Prerequisite:* Music 110 or permission of instructor. *4 sem. hrs.*

**212 Analytic Approaches to Contemporary Music.** Study and application of techniques of analysis applicable to contemporary Western music. Written exercises include original compositions and written analyses of selections from the literature. Continuation of musicianship exercises from Music 109. *Prerequisite:* Music 109 or permission of instructor. *4 sem. hrs.*

**306 Introduction to Composition.** Introduction of materials and techniques of acoustic composition through readings, listening assignments, composition exercises, and performances. *Prerequisite:* Music 110 or permission of instructor. *2 sem. hrs.*

**307 Composition.** Directed projects in various styles for traditional and/or electronic media. May be repeated for credit. *Prerequisite:* Music 306 or permission of instructor. *1 sem. hr.*

**308 Tonal Counterpoint.** Study and application of tonal counterpoint. Written musical exercises include original compositions and written commentary on excerpts from tonal literature. *Prerequisite:* Music 110. *3 sem. hrs.*

**309 Orchestration.** Study of orchestration, instrumentation and arranging for classical and contemporary groups. Written exercises might include arrangements and original works for vocal or instrumental groups (i.e. jazz ensemble/wind ensemble/orchestra/choir). *Prerequisite:* Music 211 or permission of instructor. *3 sem. hrs.*

**338 Special Topics in Music History, Theory, or Music Education.** Selected topics such as musical genre, works of specific composers, or techniques of teaching and learning music. May be repeated for credit when topics vary. *Prerequisites:* Music 109 and 227 or 228 or permission of instructor. *3 sem. hrs.*

## Music Technology Courses (MUS)

**213 Computer Music.** Study of techniques and aesthetics of computer-generated music with extensive laboratory experience in Music Technology Lab. Emphasis on MIDI technology and application. *Prerequisite:* Music 109 or permission of instructor. *3 sem. hrs.*

**313 Advanced Computer Music.** Continuation of Music 213. Exploration of audio computer systems, including digital recording and mixing devices. Creation and transcription of music for computer controlled performance. *Prerequisite:* Music 213 or permission of instructor. *3 sem. hrs.*

**413 Special Topics in Computer Music.** Special topics in computer musics such as interactive computer music and computer music programming with emphasis on using technology to realize compositional objectives. May be repeated for credit when topics vary. *Prerequisite:* Music 213 or permission of instructor. *3 sem. hrs.*

## Arts Management Courses (MUS)

**310 Managing Performing Arts Organizations.** Review of topics essential for successful management of performing arts organizations. Includes organizational structure, budget development and management, strategic planning, marketing, audience development, box-office management, and related topics. *Prerequisite:* Major or minor in Music, Theatre, Dance, or permission of instructor. (Same as Theatre 310.) *3 sem. hrs.*

**345 Philanthropy in the Arts.** Survey of strategies, tools and techniques involved in generating contributed income for arts organizations from private individuals, foundations, corporations, business, and government agencies. Central issues include underlying psychological and practical bases of fund raising in the

arts and exposure to research and methods involved in developing donor prospects. Fund-raising techniques, including direct mail, telemarketing, grant writing, personal appeals, major gift solicitation, special events, capital campaigns, endowment campaigns, sponsorships, and planned giving. *Prerequisite:* Music 310, Art 322, or permission of instructor. (Same as Art 345 and Theatre 345.) *3 sem. hrs.*

### Music Education Courses (MUS)

**305 Introduction to Music Education.** Basic principles, purposes, and philosophies of music education. Overview of each level (elementary, middle school, senior high) including directed observations. Participation in weekly seminars, reviewing current music education methods and materials. *Prerequisite:* Music Theory 109. *3 sem. hrs.*

**338 Special Topics in Music History, Theory, or Music Education.** Selected topics such as musical genre, works of specific composers, or techniques of teaching and learning music. May be repeated for credit when topics vary. *Prerequisites:* Music 109 and 227 or 228 or permission of instructor. *3 sem. hrs.*

### Honors and Independent Study Courses (MUS)

**388 Individual Internship.** *Prerequisite:* Permission of department. *1-3 sem. hrs.*

**391-392-393-394 Honors Course.** *3 sem. hrs. each.*

**401-402 Final Project.** Research topics or presentations chosen from the following according to student's area of concentration: performance, music history, music theory, composition. To be taken in successive semesters. *Prerequisite:* Senior Music Major or permission of instructor. *1-1 sem. hrs.*

### Performance Study Courses (MUS)

**205 English and Italian Diction for Singers and Accompanists.** Study of the International Phonetic Alphabet (IPA) with application to the English and Italian languages. Preparation and performance of works in each language using IPA. *Prerequisite:* Current enrollment in applied study in voice or piano. *2 sem. hrs.*

**206 German and French Diction for Singers and Accompanists.** Study of the International Phonetic Alphabet (IPA) with application to the German and French languages. Preparation and performance of works in each language using IPA. *Prerequisite:* Current enrollment in applied study in voice or piano. *2 sem. hrs.*

**207 Musical Theatre and Opera Scene Workshop.** Study of stage techniques for the singer applied to various scenes from operatic and musical theatre repertoire resulting in staged performance by class mem-

bers. *Prerequisite:* Current enrollment in applied voice instruction or permission of instructor. May be repeated for credit. *2 sem. hrs.*

**229 Conducting.** Essentials of instrumental and choral conducting. Rehearsal techniques and practical experience in directing musical groups. *Prerequisite:* Music 109 or permission of instructor. *3 sem. hrs.*

**350 Student Recital.** Preparation and performance of a solo recital by students in applied study or composition. *Prerequisite:* Current enrollment in applied study, composition, or permission of instructor. *1 sem. hr.*

### Large Performing Ensembles (MSEN)

*Prerequisite for All Ensembles: Audition with ensemble's director. Auditions are open to all students.*

**191 University Orchestra.** Study and performance of works for symphony orchestra. One three-hour rehearsal weekly, plus additional sectionals. Regular performances on and off campus. May be repeated. *1 sem. hr.*

**192 Jazz Ensemble.** Study and performance of Big Band repertoire from swing era to present. Two one and one-half hour rehearsals weekly, with two or more concerts each year. May be repeated. *1 sem. hr.*

**193 University Band.** Study and performance of wind band literature. Wind Ensemble of 50-60 members and Pep Band of selected players. Two on-campus concerts and brief tour by the Wind Ensemble and performances at home football and basketball games by Pep Band. Two one and one-half hour rehearsals weekly. May be repeated. *1 sem. hr.*

**194 University Choir.** Mixed chorus. Study and perform *a cappella* and accompanied choral literature appropriate to the group from variety of style periods and origins. Regular performances on and off campus, biannual tour. May be repeated. *1 sem. hr.*

### Small Performing Ensembles (MSEN)

*Prerequisite for All Ensembles: Audition with ensemble's director. Auditions are open to all students.*

**195 Jazz Combo.** Small jazz ensemble. Regular performances on and off campus. May be repeated. *Prerequisite:* Permission of instructor. *1 sem. hr.*

**196 Schola Cantorum.** Small mixed chorus; study and perform choral literature appropriate to the group from variety of style periods and origins; emphasis on *a cappella* repertoire. Regular performances on and off campus; biannual tour. May be repeated. *Prerequisite:* Permission of instructor. *1 sem. hr.*

**197 Woodwind Ensemble.** Study and performance of woodwind trio, quartet, quintet, or woodwind choir literature. Two rehearsals weekly. May be repeated. *1 sem. hr.*

**198 Brass Ensemble.** Study and performance of brass trio, quartet, quintet, or brass choir literature. Two rehearsals weekly. May be repeated. *1 sem. hr.*

**199 Percussion Ensemble.** Study and performance of percussion literature. May be repeated. *1 sem. hr.*

**200 String Ensemble.** Study and performance of string ensemble literature. May be repeated. *1 sem. hr.*

**201 Chamber Music.** Study and performance of chamber music. Coaching by various members of the Department of Music including members of the Shanghai Quartet. May be repeated. *1 sem. hr.*

**202 Guitar Ensemble.** Study and performance of guitar ensemble literature. May be repeated. *1 sem. hr.*

### Applied Music Courses

*Prerequisite for Applied Courses: Placement at the discretion of department.*

### Class Instruction Courses (MUS)

**130 Class Guitar.** Introduction to the guitar through folk music. May be repeated for credit. *1 sem. hr.*

**131 Class Piano.** For beginning piano student. Introduction to elements of music via the keyboard. May be repeated for credit. *1 sem. hr.*

### Individual Instruction Courses (MSAP)

**Note:** Individual instruction courses require an additional fee per course, **non-majors only**. See "Special Fees," page 15.

**Offered without credit. May be repeated.**

**060 Voice.** *0 sem. hrs.*

**061 Piano.** *0 sem. hrs.*

**062 Organ.** *0 sem. hrs.*

**063 Guitar.** *0 sem. hrs.*

**064 Flute.** *0 sem. hrs.*

**065 Oboe.** *0 sem. hrs.*

**066 Clarinet.** *0 sem. hrs.*

**067 Saxophone.** *0 sem. hrs.*

**068 Bassoon.** *0 sem. hrs.*

**069 French Horn.** *0 sem. hrs.*

**070 Trumpet.** *0 sem. hrs.*

**071 Trombone/Baritone.** *0 sem. hrs.*

**072 Tuba.** *0 sem. hrs.*

**073 Percussion.** *0 sem. hrs.*

**074 Violin.** *0 sem. hrs.*

**075 Viola.** *0 sem. hrs.*

**076 Cello.** *0 sem. hrs.*

**077 String Bass/Electric Bass.** *0 sem. hrs.*

**078 Harp.** *0 sem. hrs.*

**079 Miscellaneous Instruments.** *0 sem. hrs.*

**Offered for one credit. May be repeated for credit.**

**160 Voice.** *1 sem. hr.*

**161 Piano.** *1 sem. hr.*

**162 Organ.** *1 sem. hr.*

**163 Guitar.** *1 sem. hr.*

**164 Flute.** *1 sem. hr.*

**165 Oboe.** *1 sem. hr.*

**166 Clarinet.** *1 sem. hr.*

**167 Saxophone.** *1 sem. hr.*

**168 Bassoon.** *1 sem. hr.*

**169 French Horn.** *1 sem. hr.*

**170 Trumpet.** *1 sem. hr.*

**171 Trombone/Baritone.** *1 sem. hr.*

**172 Tuba.** *1 sem. hr.*

**173 Percussion.** *1 sem. hr.*

**174 Violin.** *1 sem. hr.*

**175 Viola.** *1 sem. hr.*

**176 Cello.** *1 sem. hr.*

**177 String Bass/Electric Bass.** *1 sem. hr.*

**178 Harp.** *1 sem. hr.*

**179 Miscellaneous Instruments.** *1 sem. hr.*

## Philosophy (PHIL)

*James Hall, Chair*

*Professors Hall, McWhorter, Shapiro*

*Associate Professor Schaubert*

*Assistant Professors Goddu, McCormick*

### The Philosophy Major

Note: No more than one grade below *C* (2.0) will be counted toward the major.

1. Thirty semester hours in the philosophy department, composed of:

251 Symbolic Logic

271 Ancient Greek Philosophy

272 Modern Western Philosophy

343 or 344 Twentieth-Century Analytic or Continental Philosophy

353 Philosophical Methods: Majors'/Minors' Seminar

One 300-level course in value theory and its applications, such as:

360 Ethics or 364 Philosophy of Law,

or another specific course such as may be approved by the department from year to year; and

Sufficient 2, 3 or 4-hr. approved elective philosophy courses to total 10 sem. hrs. (at least 3 hrs. of which must be at the 300 level).

*Note: For prearranged and approved double majors, two approved courses in the other major department or program may be included in these 10 hours.*

2. Sufficient, 2, 3 or 4-hr. approved courses in related fields to total 12 sem. hrs.

### The Philosophy Minor

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

Fifteen semester hours in the philosophy department, composed of:

- 271 Ancient Greek Philosophy
- 272 Modern Western Philosophy; and
- Sufficient 2, 3 or 4-hr. approved philosophy elective courses to total 9 sem. hrs. (at least 3 hrs. of which must be at the 300 level).

### Philosophy Courses (PHIL)

**Note:** All 200-level courses are open to first-year students. All 300-level courses presume some previous exposure to philosophy or a related area of study. Each course offered for 4 semester hours involves a significantly enhanced component of research, primary reading, written work, and/or oral presentations.

**200 Introduction to Philosophical Problems and Arguments.** Introduction to philosophy as a working discipline, with emphasis on analysis of problems and proposed solutions. Sample topics: Is there a thing that can be called the self? What is the meaning of life? What is the relationship between knowledge and opinion? Can individuals be held responsible for their actions? *3 sem. hrs.*

**220 Contemporary Moral Issues.** Philosophical introduction to the application of moral reasoning. Aims to clarify, organize and sharpen our ideas about moral concerns of everyday life, and to examine and critique prominent moral theories. Topics may include abortion, euthanasia, capital punishment, animal rights. *3 sem. hrs.*

**221 Feminist Political Theories.** Provides students with background in major political theories that feminists have employed and developed over the past 200 years. These include classical liberalism, Marxism and various forms of socialism, and some existentialist, post-structuralist, and post-colonial theoretical work. Students will study these feminist theoretical frameworks in depth and will also consider serious criticisms of them. (Same as Women's Studies 221.) *3 sem. hrs.*

**251 Elementary Symbolic Logic.** Introduction to modern logic beginning with truth-functions and covering formal proofs (propositional and predicate) to the level of multiply-general and relational statements. No mathematical applications. Recommended for pre-law and pre-computer studies. *3 sem. hrs.* (FSSR)

**260 Philosophical Problems in Law and Society.** Examination of purpose and justification for legal limits on individual liberty, with special attention to problems of liability and punishment. *3 sem. hrs.*

**271 Ancient Greek Philosophy.** Introduction to ancient Western philosophy, with emphasis on Plato and Aristotle. Discussion of both the development of philosophical thought and topics such as: What is knowledge? Why should I be moral? What is the good life? *3 sem. hrs.* (FSHT)

**272 Modern Western Philosophy.** Study of development of modern philosophy from Descartes to Kant. Readings from Descartes, Hume, and Kant; some attention may be given to other modern philosophers such as Leibniz, Spinoza, Locke, and Berkeley. Readings drawn from primary texts. *3 sem. hrs.* (FSHT)

**275 Marx, Nietzsche and Freud.** Study of three major thinkers of the European tradition, in the context of the cultural history of the 19th and 20th centuries. Their theories of history, psychology, and culture will be analyzed, and their conceptions of ethical and political possibilities will be critically compared. Readings from their major texts will be included. *3 sem. hrs.*

**281 Philosophy of Art.** Poses and considers the question "What is art?" Explores issues concerned with the creation, interpretation, and social response to art. Examples are drawn from a variety of arts (e.g., literature, architecture, painting); readings from major philosophers of art, traditional and recent. (Same as Art History 281.) *3 sem. hrs.*

**298 Power and Politics.** Examination and appraisal of classical liberal political philosophies—particularly their treatment of consent, rebellion, and political change—in light of 20th-century civil rights movements. Theorists studied include John Locke and various American revolutionaries such as James Madison. Movements studied are the Montgomery Bus Boycott of 1955-56, the Birmingham desegregation movement of 1963, and the gay and lesbian movement of the 1990s. Studies will evaluate liberalism as both a descriptive and prescriptive theory. Lecture/discussion format. *3 sem. hrs.*

**299 Philosophy of Science.** General introduction to philosophy of science. Topics may include distinguishing science from non-science; the structure of scientific theories and explanations; the nature of scientific activity; and the relationship(s) of science with values, culture, and society. *3 sem. hrs.*

**336 Nineteenth-Century European Philosophy.** Examination of movements and individuals; emphasis on Kierkegaard's and Marx' response to Hegel. Previous work in philosophy or good background in history and/or literature is presumed. *3 sem. hrs.*

**337 Social and Political Philosophy.** Examination of major theories in social and political philosophy, historical and current. *3 sem. hrs.*

**339 Existentialism.** Systematic study of conditions of human experience to develop and justify descriptive categories for understanding of persons and their world. Readings from Kierkegaard, Nietzsche, Heidegger, and Sartre. *3 sem. hrs.* (*4 sem. hrs. when taken with Language Across the Curriculum.*)

**343 Twentieth-Century Analytic Philosophy.** Critical examination of 20th-century topics and thinkers in the Analytic tradition. *4 sem. hrs.*

**344 Twentieth-Century Continental Philosophy.** Critical examination of 20th-century topics and thinkers in the French and German traditions. *4 sem. hrs.*

**250/350 Topics Seminar: Historical.** Selected topics in philosophy arranged historically. Recent topics: Kant, Critical Theory, Freud, Bertrand Russell's Radical Essays. May be repeated for credit when topic differs. *2-4 sem. hrs.*

**353 Philosophical Methods: Majors'/Minors' Seminar.** Reading, writing, critiquing, presenting, and defending philosophical essays. Techniques of analysis and interpretation. Preparation of a preliminary proposal, bibliography and partial draft of a senior project. Required for majors; open to minors. Usually taken during junior year. *Prerequisite:* Permission of department. *4 sem. hrs.*

**357 Nietzsche.** Devoted to analysis and understanding of some of the main philosophical themes and writing of Friedrich Nietzsche (1844-1900), such as: critique of Western morality and religion; affirmation of creativity and life of this world; eternal recurrence of all things, and diagnosis of modern nihilism and suggestions as to how it might be overcome. Close reading of a number of texts by Nietzsche. Lecture/discussion format. *3 sem. hrs.* (*4 sem. hrs. when taken with Language Across the Curriculum.*)

**358 Topics in Feminist Philosophy.** Examination of recent and contemporary feminist theory. *2-4 sem. hrs.*

**359 Thinking and Seeing: Philosophy and the Visual Arts.** Devoted to exploring some questions having to do with the meaning and significance of the visual arts. Among topics of the course are relation between words and visual images; use of art as a way of learning about ourselves and the world; phenomenology of visual experience; and criteria for interpreting the meaning of art works. Theorists include G.E. Lessing and representative thinkers from such recent tendencies as phenomenology, existentialism, deconstruction, and psychoanalysis. *3 sem. hrs.*

**360 Ethics.** Critical examination of main types of ethical theory. Discussion of current topics and controversies, as well as fundamental questions about the object of morality and the objectivity and justification of moral evaluations. *3 sem. hrs.*

**362 Philosophy of Religion.** Is there such a thing as religious knowledge? Can a rational individual believe in God(s)? Alternative conceptions of use and meaning of theological language (description, ritual, belief formation, moral persuasion). Transcendence. Mysticism and logic. *Prerequisite:* One previous philosophy course or, for religion majors, permission of department. *3 sem. hrs.*

**364 Philosophy of Law.** Alternative ways of conceiving of law. Such legal concepts as right and strict liability. Such problems as nature of judicial decision-making process, tension between crime control and due process, rationale of legal punishment, insanity defense. *Prerequisite:* One previous philosophy course. *3 sem. hrs.*

**365 Action, Responsibility, and Free Will.** Examination of a core philosophical puzzle—can responsible action be both free and determined?—in writings of classical and contemporary philosophers. Seminar format, with multiple written and oral critiques, term paper, mid-term and final exams. *3 sem hrs.*

**280/380 Topics Seminar: Issues.** Selected topics in philosophy arranged by issues. Recent topics: The Emotions; Science, Pseudoscience and the Paranormal; Intermediate Logic; Ethics, Human and Nonhuman. May be repeated for credit when topic differs. *2-4 sem. hrs.*

**386 Honors Seminar.** Seminar for honors students on topic selected mutually by instructor and those enrolled. *Prerequisite:* Permission of department. *4 sem. hrs.*

**390 Independent Study.** Faculty member directs student's reading and study. *Prerequisite:* Permission of department. *2-4 sem. hrs.*

**395 Honors Thesis.** Supervised completion of research thesis begun and approved in Majors' Seminar. *3-4 sem. hrs.*

### Physics (PHYS)

*Gerard P. Gilfoyle, Chair*

*Professor Vineyard*

*Associate Professors Gilfoyle, Rubin*

*Assistant Professor Bunn, Fetea*

### The Physics Major

#### For the Bachelor of Arts degree:

28 semester hours in physics courses approved by the department including:

Physics 101-102 or 131-132

Physics 205, 221, 397-398, 497-498

Mathematics 212

15 semester hours in courses outside of physics approved by the department

This degree is offered primarily for students who wish to prepare for interdisciplinary or medical sciences studies, or to earn a cultural degree.

**For the Bachelor of Science degree:**

Physics 205, 301, 303, 305, 308, 397

398, 401, 402, 497-498

3 semester hours of experimental work including Physics 221

Chemistry 103-104

Mathematics 245

7 semester hours in courses outside physics approved by the department

**Dual-Degree (3-2) Engineering Program**

In cooperation with selected engineering schools, the University offers the opportunity for students interested in engineering careers to earn two bachelor's degrees in five years, one from the the University of Richmond and another from a cooperating engineering school. Called the 3-2 Engineering Program, a student spends three years at Richmond, completing all of the general education requirements, almost all of the requirements for a major in physics, plus selected other courses. The student spends the remaining two years at the engineering school. The School of Engineering and Applied Science at George Washington University is a participant. A number of additional schools of engineering are developing agreements with Richmond prior to the 2002-03 session. The Physics Department's Pre-Engineering Advisor can provide information about participating programs and requirements.

**The Physics Minor**

Seventeen semester hours in physics courses, including at least nine semester hours in courses numbered above 200, excluding 397-398 and 497-498.

**Note:** *The beginning courses in Physics (101, 102, 121, 123, 125, 131, and 132) offer different approaches to the subject matter depending on the student's intended major. Each of these courses fulfill the natural science fields-of-study requirement for general education.*

*For students intending to major in the natural or mathematical sciences, Physics 131-132 and Physics 101-102 are the recommended options.*

**Physics Courses (PHYS)**

**101 General Physics 1.** First semester of a sequence in general physics. Mechanics, heat, sound, magne-

tism, electricity, light, and modern physics are covered in the two-semester sequence. Includes laboratory. Note: Physics 101 not a prerequisite to 102. *Prerequisites:* Algebra and trigonometry. A student may not receive credit for both Physics 101 and 131. *4 sem. hrs.* (FSNP)

**102 General Physics 2.** Second semester of a sequence in general physics. Mechanics, heat, sound, magnetism, electricity, light, and modern physics are covered in the two-semester sequence. Includes laboratory. *Prerequisites:* Algebra and trigonometry. A student may not receive credit for both Physics 102 and 132. *4 sem. hrs.* (FSNP)

**121 Astrophysics.** Celestial motions, stellar structure, cosmology, and related problems including appropriate concepts of elementary physics. Not among the recommended options for science or math majors. Includes laboratory. *4 sem. hrs.* (FSNP)

**125 Elements of Physics.** Principles and applications of physics. Topics selected from mechanics, sound, light, electricity, magnetism, heat, and modern physics. Not among the recommended options for science or math majors. Includes laboratory. *4 sem. hrs.* (FSNP)

**131 General Physics with Calculus 1.** First semester of a calculus-based introductory sequence. Mechanics, heat, sound, magnetism, electricity, and light are covered in the two-semester sequence. Includes laboratory. *Prerequisites:* Math 211 or 111 (may be taken concurrently). Physics 131 is prerequisite to 132 unless permission is granted by instructor. A student may not receive credit for both Physics 131 and 101. *4 sem. hrs.* (FSNP)

**132 General Physics with Calculus 2.** Second semester of a calculus-based introductory sequence. Mechanics, heat, sound, magnetism, electricity, and light are covered in the two-semester sequence. Includes laboratory. *Prerequisites:* Math 212 (may be taken concurrently) and Physics 131 or permission of instructor. A student may not receive credit for both Physics 132 and 102. *4 sem. hrs.* (FSNP)

**205 Introduction to Modern Physics.** Introduction to topics in 20th century physics including special relativity, quantum mechanics, and statistical physics. *Prerequisite:* Physics 132 or permission of department. *3 sem. hrs.*

**215 Computational Methods in Physics.** Project-oriented: applying computers to solution of problems in physical sciences. *Prerequisites:* Physics 132 and some familiarity with at least one higher-level computer language. *3 sem. hrs.*

**216-217 Electronics.** Laboratory course in basic electronics and instrumentation for science majors. Study of dc and ac circuits, diodes, rectifiers, transistors, operational amplifiers, binary logic, Boolean algebra,

digital circuits, analog-digital conversion, transducers, and computer interfacing. *Prerequisites:* Physics 101-102 or 132. Physics 216 is a prerequisite to Physics 217. *4-4 sem. hrs.*

**221-222 Intermediate Laboratory.** Experiments in classical and modern physics emphasizing independent work. Six laboratory hours a week. *Prerequisite:* Physics 101-102 or 132. *2-2 sem. hrs.*

**301 Mathematical Methods in Physics.** Selected mathematical topics needed for upper-level work in physics. Topics taken from vector calculus, matrices, calculus of variations, orthogonal functions, and complex analysis. *Prerequisite:* Physics 132 or permission of department. *3 sem. hrs.*

**303 Mechanics.** Mathematical analysis of physical laws pertaining to dynamics of particles and rigid bodies. Introduction to moving coordinate systems and Lagrange's and Hamilton's methods. *Prerequisite:* Physics 301 or permission of department. *3 sem. hrs.*

**305-306 Electricity and Magnetism.** Electrostatic fields and potentials, dielectrics, magnetic fields, and potentials. Maxwell's equations, electromagnetic waves. *Prerequisite:* Physics 301 or permission of department. Physics 305 is prerequisite to 306. *3-3 sem. hrs.*

**308 Statistical Mechanics.** Statistical methods applied to description of physical systems. Statistical calculation of thermodynamic quantities, laws of thermodynamics, statistical distributions, and classical and quantum statistics of ideal gases. *Prerequisite:* Physics 301 or permission of department. (Same as Chemistry 308.) *3 sem. hrs.*

**321 Advanced Laboratory.** Application of fundamental experimental techniques to advanced physics problems from mechanics, electromagnetism, and thermal, modern, atomic, nuclear, and particle physics. Three to six laboratory hours a week. *Prerequisite:* Physics 221 or permission of department. *1-2 sem. hrs.*

**381-382 Research.** Six hours a week of laboratory or independent study. *Prerequisite:* Permission of department. *2-2 sem. hrs.*

**397-398 Junior Seminar.** Required of all third-year physics majors. Does not count in hours required for minor. *1-1 sem. hrs.*

**401-402 Quantum Mechanics.** Wave mechanics and quantization, Schroedinger equation for variety of potentials, hydrogen atom in detail, perturbation methods. *Prerequisites:* Chemistry 310 or Physics 205, 303, and Mathematics 245 or permission of department. Physics 401 is prerequisite to 402. (Same as Chemistry 401-402.) *3-3 sem. hrs.*

**404 Theoretical Physics.** Application of mathematics to selected topics in physics. *Prerequisite:* Physics 301 or permission of department. *3 sem. hrs.*

**479 Special Topics.** Topics include Particle and Nuclear Physics, Solid State, Modern Optics, Relativity, Field Theory. *Prerequisite:* Permission of department. *3 sem. hrs.*

**497-498 Senior Seminar.** Required of all senior physics majors. Does not count in hours required for minor. *1-1 sem. hrs.*

**Political Science (PLSC)**

*Arthur Gunlicks, Chair*

*Professors Carapico, Gunlicks, Outland, E. West, Whelan*

*Associate Professors Kandeb, Palazzolo, Wang*

*Assistant Professors Covitz, Erkulwater, Jones-DeWeever, Mayes*

**The Political Science Major**

**Note:** The grade point average of the coursework in political science comprising the major, including required courses, must be 2.00 or above with no course grade below C- (1.7).

Thirty semester hours in political science, at least 21 of which must be at the 300 level or above, including:

Political Science 220, 372 or 373 or 374, 400

Two of the following: 240, 250, 260

One of the following: 311, 312, 315

In addition to the 30 hours in political science, Mathematics 119 (preferred), Business Statistics 201 and 301, psychology 200, or equivalent is required as a prerequisite for Political Science 372, 373 or 374.

The major must include a minimum of 18 semester hours of University of Richmond political science courses. No more than six hours credit toward the major can be given for courses offered by other departments or schools at the University of Richmond.

The department recommends additional coursework in political science and related fields beyond that specified for the major. Study abroad and internships are also encouraged. Students who have an interest in attending law or graduate school should consult with the department chair about undergraduate courses that they should consider taking.

**The Political Science Minor**

**Note:** The grade point average of the coursework comprising the minor, including required courses, must be 2.00 or above with no course grade below C- (1.7).

Eighteen semester hours in political science, at least 12 of which must be at the 300 level or above, including:

Political Science 220, 372 or 373 or 374 (Prerequisite Mathematics 119 or Business Statistics 201 and 301.)

One of the following: 240, 250, 260

### Political Science Courses (PLSC)

**220 Introduction to American Government.** Basic roles, structures, and functions of American political institutions and introduction to American political process. *3 sem. hrs.*

**240 Introduction to Comparative Politics.** Concepts, approaches, classifications, and models useful in comparing political structures and processes. Political systems characteristic of countries with different cultures and levels of economic development. *3 sem. hrs.* (FSSA)

**250 Introduction to International Relations.** Framework for analyzing contemporary international system: goals of nation-states and other actors; how such actors attempt to achieve their goals; and some forces which help or hinder attainment of goals. *3 sem. hrs.* (FSSA)

**260 Introduction to Public Policy.** Contemporary social and economic problems in America, public policies adopted or proposed to deal with them, and ways of analyzing those problems and policies. *3 sem. hrs.* (FSSA)

**303 Metropolitan Problems and Politics.** Analysis of and practical involvement with major issues affecting metropolitan governments. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**304 Virginia Government and Politics.** Virginia government at state, county, municipal, and special district levels. Emphasis on legislative, executive, and judicial organization; state politics and intergovernmental relations. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**311 Political Theory: Plato to Locke.** Enduring basic issues in political theory studied through writings of Western civilization's great philosophers. *3 sem. hrs.*

**312 Modern Political Theory.** Ideas of major political philosophers of late 18th, 19th, and 20th centuries, such as Rousseau, Burke, Hegel, Marx, J.S. Mill, and Tocqueville. *3 sem. hrs.*

**315 American Political Theory.** Political thought in America from colonial times to present, emphasizing themes of liberty, individualism, community, and national purpose. *3 sem. hrs.*

**322 Public Opinion and Public Policy.** Examines relationship between public opinion and public policy by identifying democratic values, public preferences, and interactions between elected officials and people

they govern. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**325 Racial Politics.** Comparative examination of the history, problems, and political role of minority groups in the U.S. *Prerequisite:* Political Science 220. *3 sem. hrs.*

**326 Legislative Process.** Organization and functions of American Congress. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**327 The American Presidency.** Political leadership in American political system from perspective of Chief Executive. Particular attention to expansion and use of presidential power. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**328 American National Government.** Research seminar on national policy-making process. For advanced political science students. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**329 Campaigns and Elections.** Analysis of institutions and process of American electoral system and behavior of American electorate. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**331 Constitutional Law.** Role of United States Supreme Court in American politics studied through examination of landmark constitutional decisions pertaining to distribution of governmental powers. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**333 Civil Rights/Liberties.** Analysis of contemporary legal status and interpretation of constitutional rights and liberties. Emphasis on landmark Supreme Court decisions involving various provisions of the Bill of Rights and the Fourteenth Amendment. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**336 American Constitutional History.** Background, adoption, and development of the Constitution, with emphasis on role of Supreme Court and judicial review in American history and on changing interpretations of key provisions in the Constitution. *3 sem. hrs.*

**337 The American Legal System.** Analysis of structure, processes, and personnel of American legal system. Emphasis on decision making of private parties, judges, juries, and attorneys in context of civil litigation and criminal prosecution. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**341 Great Britain, France, and Germany.** Geographical and historical settings, political cultures, political parties and elections, executives, legislatures, bureaucracies, and legal systems in three major Western European countries. Comparisons of public policies and responses to challenges of welfare state. *Prerequisites:* Political Science 220 and 240 or permission of instructor. *3 sem. hrs.*

**342 Russia and the Newly Independent States.** Recent developments in the former Soviet Union. Eth-

nic, cultural, religious, and economic diversity; political institutions, parties, and elections; and current leaders. *Prerequisite:* Political Science 240 or permission of instructor. *3 sem. hrs.*

**343 Politics of Asia.** Study of historical, cultural, and social forces shaping contemporary politics of Asia. Comparative survey of major political systems and critical examination of key issues. Attempts to link Asian Studies with mainstream political science. *3 sem. hrs.*

**344 Europe Today.** Political, social, ethnic, and economic developments in Western Europe since WWII. Formation of European institutions such as European Union, Council of Europe, and NATO. Cooperation and conflict among European states, parties, and interest groups. *3 sem. hrs.*

**345 Politics of China, Hong Kong, and Taiwan.** Study of contemporary political history of China; analysis of political systems of the People's Republic of China, the Hong Kong Special Administrative Region, and the Republic of China on Taiwan; and discussion of key political, economic, and military issues. *3 sem. hrs.*

**346 Politics of Cultural Pluralism.** Comparative examination of politicization of race, ethnicity, religion, and caste in contemporary world. *Prerequisite:* Political Science 220, 240, 250, or International Studies 201 or permission of instructor. *3 sem. hrs.*

**347 Politics of Developing Nations.** Comparative analysis of political, social, and economic development or modernization of nations in Africa, Asia, and Latin America. Topics include influence of ideology, revolution and reform, national integration, neo-imperialism and dependency, and economic growth and equality. *Prerequisite:* Political Science 240 or 250 or permission of instructor. *3 sem. hrs.*

**348 Politics of Africa.** Comparative study of state formation, nation-building, political economy, social structure/movements, selected regions and countries in Africa. *Prerequisite:* Political Science 240 or 250 or permission of instructor. *3 sem. hrs.*

**349 Politics of Latin America and the Caribbean.** Influence of historical, social, and cultural forces on contemporary politics of Latin America and the Caribbean. Effects of social structure and underdevelopment on processes of democratization, institution building, national integration, and economic development. Case studies of selected countries illustrate major themes and issues explored. *Prerequisite:* Political Science 240 or 250 or permission of instructor. *3 sem. hrs.*

**350 American Foreign Policy.** Sources, substance, and purposes of U.S. foreign and defense policy. *Prerequisite:* Political Science 220 or 250 or permission of instructor. *3 sem. hrs.*

**352 International Law and Organization.** Development, processes, and functions of contemporary international law and organization. Emphasis on con-

flict management, promotion of economic and social welfare, and development of community. *Prerequisite:* Political Science 250 or permission of instructor. *3 sem. hrs.*

**356 International Political Economy.** Politics, processes, and institutions underlying contemporary global economic interdependence, with special focus on international trade, finance, and assistance; alternative theoretical models for understanding these events, processes, and institutions. *Prerequisite:* Political Science 250 or permission of instructor. *3 sem. hrs.*

**358 The United States and the Pacific Rim.** Study of changing U.S. role in the Asia-Pacific region, U.S. relations with the major powers in the region, and salient regional and bilateral political, security, and economic issues. *3 sem. hrs.*

**360 International Development Policy.** Assistance policies of wealthy nations and multilateral organizations, development policies and problems of poor or underdeveloped nations, and dynamics of economic, political, environmental, and cultural transactions. *Prerequisite:* Political Science 250 or permission of instructor. *3 sem. hrs.*

**361 The Politics of Social Welfare.** Development and adequacy of programs addressing needs of "the poor" in the U.S. Insights into why some programs fail and others succeed. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

**362 Environmental Law and Policy.** Will provide insight into legal aspects of environmental issues. Both case law and government regulations will be examined. 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. *Prerequisite:* Political Science 260 or Environmental Studies 201. (Same as Environmental Studies 362.) *3 sem. hrs.*

**372 Methods for Public Opinion Research.** Core topics related to research methodology with a specific focus on survey methodology and introduction to a wider range of methods for ascertaining public opinion. *Prerequisites:* Political Science 220 and Mathematics 119, or Business Statistics 201 and 301 or equivalent (Business Statistics 301 may be taken simultaneously with research methods.) *4 sem. hrs.*

**373 Methods for Public Policy Research.** Core topics related to research methodology with a specific focus on policy analysis and program evaluation, including various methodological techniques utilized for the quantitative and qualitative assessment of public policy. *Prerequisites:* Political Science 220 or 260 and Mathematics 119, or Business Statistics 201 and 301 or equivalent (Business Statistics 301 may be taken simultaneously with research methods.) *4 sem. hrs.*

**374 Methods for Cross-National Research.** Core topics related to research methodology with a specific focus on issues and techniques in the collection, interpretation, comparison, and modeling of cross-national and cross-cultural data. *Prerequisites:* Political Science 240 or 250 and Mathematics 119 or Business Statistics 201 and 301 or equivalent (Business Statistics 301 may be taken simultaneously with research methods.) *4 sem. hrs.*

**379 Selected Topics.** Examples include Comparative Public Policy, Deficits and Public Interest, Political Terrorism, and Leadership and Women's Movements. *1-3 sem. hrs.*

**388 Individual Internship.** *Prerequisites:* Permission of department chair. *1-6 sem. hrs.*

**390 Independent Study.** *Prerequisite:* Permission of department chair. *1-3 sem. hrs.*

**393 Seminar.** Selected topics of special interest to advanced students. *3 sem. hrs.*

**395 Legislative Internship.** Combines weekly seminar on the state legislative process with work as assistant to a state legislator, government agency, interest group, or press during session of the Virginia General Assembly. *Prerequisites:* Political Science 220 and permission of instructor. *6 sem. hrs.*

**400 Senior Seminar.** Reading and research focusing on important topics in political science. Both topics and instructors change from semester to semester. *Prerequisites:* Senior status and completion of 21 hours in political science, including 372, 373, or 374. *3 sem. hrs.*

## Psychology (PSYC)

*Craig H. Kinsley, Chair*

*Professors Allison, Newcomb*

*Associate Professors Berry, Hopkins, Kinsley, Kozub, Li, Sholley*

*Assistant Professors Bagwell, Crawford*

*Clinical Assistant Professors Churchill, Stott*

*Visiting Assistant Professor Daly.*

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

### The Psychology Major

The Department of Psychology offers a rigorous, hierarchically organized curriculum that combines the highest expectations of achievement with a nurturing environment rich in opportunities for intellectual stimulation and personal commitment. Our central mission is to provide an academic setting for students to become skilled, adaptable, and highly accomplished—to excel in the best graduate and professional schools or in the most competitive entry-level

employment opportunities. We prepare students to lead productive lives characterized by a lifetime of learning, leadership, and service. We seek to offer our students a distinctive experience—a love of learning and involvement with the academic community—that is brought together by a unique interaction between the quality of our student experience and the dedication of our faculty to excellence in scholarship and teaching. The department does its best to educate and train its students to reach their potential.

The Psychology faculty share in the vision that education is as much of an activity as it is a body of knowledge. As professional educators, we embrace pedagogical strategies that place special emphases on the following principles: the scientific method; intellectual challenge and complexity; familiarity with primary source materials; interactive and collaborative learning; critical and analytical thinking; the utilization of current technologies; professional ethics; excellent oral and written expression and communication; respect for, and understanding of, varied perspectives and individual differences; psychology's unique position within the liberal arts; and finally, involvement in the local intellectual and cultural communities. These curricular emphases reflect our educational goals and aspirations. They represent directions for fostering, challenging and strengthening our students' intellectual curiosity. Moreover, they pervade all levels of our undergraduate curriculum, from our introductory course to our most advanced courses, and through the collaborative research pursuits of our students and faculty.

#### For the Bachelor of Arts degree:

35 semester hours in psychology including:

Psychology 100 or 101

Psychology 200

One course in the 250-299 series

One Methods & Analyses course and corequisite in the 310-328 series

One Methods & Analyses course and corequisite in the 330-348 series

One course in the 433-449 series

#### For the Bachelor of Science degree:

35 semester hours in psychology, including:

Psychology 100 or 101

Psychology 200

One course in the 250-299 series

One Methods & Analyses course and corequisite in the 310-328 series

One Methods & Analyses course and corequisite in the 330-348 series

Two courses in the 433-449 series

17 semester hours in related areas,

consisting of:

Math 211-212

Either Mathematics 235, 240, 245, or

Computer Science 150

Either Biology 201-203,

Chemistry 103-104, Physics 101-102, or Physics 131-132

#### And for all degrees:

No more than four semester hours selected from courses numbered 250-299 may be applied to the 35 semester hours required in psychology. No more than three semester hours of internship or six semester hours of Psychology 361 may be applied to the major.

### Interdisciplinary Concentration in Neuroscience for Biology and Psychology Majors

See page 153.

### The Senior Capstone Experience

The Psychology Department's Senior Capstone Experience is intended to provide psychology majors with an intensive and integrative experience in psychology to culminate their undergraduate careers.

Students pursuing either the Bachelor of Arts or the Bachelor of Science degree must choose one of three Senior Capstone options:

**Option 1:** Advanced Seminar. One course in the Psychology 433-449 series to be taken during the fall or spring semester of the student's senior year.

**Option 2:** Senior Research and Advanced Seminar. One course in the Psychology 433-449 series to be taken during the fall or spring semester of the student's senior year, and collaboration with a faculty member on a year-long senior research project.

**Option 3:** Senior Honors Research and Two Advanced Seminars. One course in the Psychology 433-449 series to be taken during the fall semester of the student's senior year, a second course from this series to be taken during spring of the senior year, and collaboration with a faculty member on a year-long senior honors research project.

### The Psychology Minor

Twenty-four semester hours in Psychology including:

Psychology 100 or 101

Psychology 200

One course in the 250-299 series

One Methods & Analyses course and corequisite in the 310-328 series

One Methods & Analyses course and corequisite in the 330-348 series

### Study Abroad

Psychology majors are encouraged to take advantage of study abroad. The key to successful integration of a study abroad experience with a psychology major is early and careful planning with the student's advisor and department chair. In most cases students will want to have their final three semesters on campus. Therefore, if a student anticipates participating in a study abroad program, the best times to be away are the sophomore year, the first semester of the junior year, or during a summer.

### Psychology Courses (PSYC)

**100 Introduction to Psychological Science.** Scientific exploration of human behavior, with emphasis on scientific and technological skills involved in process of conducting psychological research. Three lecture and two laboratory hours a week. (Students who have completed Psychology 101 may not enroll in Psychology 100.) *4 sem. hrs. (FSSA)*

**101 Introduction to Psychological Science.** Intensive examination of psychology as a natural science. Emphasis on promoting application of scientific method toward understanding psychological phenomena. Three lecture and two laboratory hours a week. *4 sem. hrs. (Students who have completed Psychology 100 may not enroll in Psychology 101.)*

*Prerequisite to all of the following psychology courses: Psychology 100 or 101.*

**200 Methods and Analyses.** Introduction to research methods and statistical procedures in psychological science. Emphasis on mastering fundamental scientific and technological skills associated with literature review, research design, experimental manipulation, data collection, data analysis, data graphics, data interpretation, and scientific writing. Five lecture and two laboratory hours a week. *4 sem. hrs.*

**Note:** *To be eligible for enrollment in 300-level and 400-level psychology courses, students must pass Psychology 200 with a grade of C- (1.7) or better.*

### Overview of Course Series 230-249 (PSYC)

*Designed primarily for nonmajors, these courses may not be taken for credit toward the major or minor.*

**249 Special Topics.** Special course offerings to explore specific directions within subdiscipline of psychology. *Prerequisite:* Stated when course is offered. 3 sem. hrs.

### Overview of Course Series 250-299 (PSYC)

*These courses represent the second curricular level within the major and minor. Emphasis is on the integration of theory and research across two or more disciplines or sub-disciplines.*

**299 Integrated Topics.** Special course offerings that provide an integrative perspective of psychological theories, issues, and research across two or more disciplinary (or subdisciplinary) contexts. *Prerequisite:* Psychology 100 or 101. 4 sem. hrs.

### Overview of Course 300 (PSYC)

*Recommended for majors who are planning to attend graduate school in psychology.*

**300 History and Systems of Psychology.** History of psychology and of major schools of thought and their viewpoints. *Prerequisites:* Psychology 250-299 series requirements. 4 sem. hrs.

### Overview of Course Series 311-348 (PSYC)

*The odd-numbered courses focus on the critical analysis of theory and research within a subdisciplinary area of psychology. Students may enroll in an odd-numbered course without enrolling in its companion (even-numbered) methods and analyses course.*

*The even-numbered courses are laboratory-based offerings that focus on the application of specific methodologies and statistical analyses associated with a subdisciplinary area of psychology. Students may not enroll in an even-numbered course without also enrolling in its companion (odd-numbered) theory-based course.*

**311 Child Development.** Critical examination of research and theory on developmental changes and processes from prenatal through preadolescent periods. Emphasis on theoretical and empirical work on historical foundations, behavior genetics, attachment, development of perception, cognition, language, and social contexts and relationships. 3 sem. hrs.

**312 Child Development: Methods and Analyses.** Intensive laboratory experience focusing on conceptual, methodological, and analytical skills employed in investigation of child development. *Corequisite:* Psychology 311. 3 sem. hrs.

**313 Social Psychology.** Critical overview of current theory and research in social psychology, with emphasis on conceptual and empirical work on social cognition, social influence, affective processes, attraction, altruism, aggression, and group dynamics. 3 sem. hrs.

**314 Social Psychology: Methods and Analyses.** Intensive laboratory experience focusing on methodological, computing, and statistical skills indigenous to experimental social psychology. *Corequisite:* Psychology 313. 3 sem. hrs.

**315 Adult Development.** Critical examination of research, theory, and methods of cognitive processes associated with adulthood and aging, including thinking, learning, intelligence, memory, problem solving, creativity, and wisdom. 3 sem. hrs.

**316 Adult Development: Methods and Analyses.** Intensive coverage of experimental and statistical methods used to study cognitive processes in adulthood. Extensive use of computers to design and analyze research pertinent to cognitive aging. *Corequisite:* Psychology 315. 3 sem. hrs.

**317 Psychopathology.** 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. 3 sem. hrs.

**318 Psychopathology: Methods and Analyses.** Intensive laboratory experience focused on conceptual, methodological, and analytical skills used in clinical psychology and investigation of psychopathology and behavior disorders. *Prerequisite:* Psychology 317. 3 sem. hrs.

**319 Selfhood.** Critical examination of nature, function, and development of the human self. Emphasis on the dynamic, open-ended qualities of the health, normal self and on the construction of self-identity, especially in relation to one's sense of meaning in life. 4 sem. hrs.

**327 Behavioral and Social Bases: Theory and Research.** Critical overview of theory and research in a behavioral or social subdiscipline of psychology. 3 sem. hrs.

**328 Behavioral and Social Bases: Methods and Analyses.** Methodology and analytic procedures used in psychological research with in-depth application to a behavioral or social subdiscipline of psychology. *Corequisite:* Psychology 327. 3 sem. hrs.

**331 Behavioral Neuroscience.** Biological and physiological processes involved in central and peripheral regulation of animal and human behavior. 3 sem. hrs.

**332 Behavioral Neuroscience: Methods and Analyses.** Intensive experience with techniques and

approaches used in design, execution, and analysis of research in behavioral neuroscience. *Corequisite:* Psychology 331. 3 sem. hrs.

**333 Cognitive Science.** Critical examination of interdisciplinary studies of knowledge representation, information processing, and learning with theories and methods drawn from psychology, computer science, linguistics, philosophy, and neuroscience. 3 sem. hrs.

**334 Cognitive Science: Methods and Analyses.** Intensive experience with techniques used in computer simulation, experimental program design, and data processing and analysis in interdisciplinary study of cognition. *Corequisite:* Psychology 333. 3 sem. hrs.

**335 Learning and Memory.** Topics include classical conditioning, instrumental learning, principles of reinforcement, punishment and avoidance condition, stimulus generalization and discrimination, retention and forgetting, nature and functioning of memory, and learning and performance of motor skills. 3 sem. hrs.

**336 Learning and Memory: Methods and Analyses.** Intensive experience with implementing methodology and analytic approaches used in study of learning and memory. *Corequisite:* Psychology 335. 3 sem. hrs.

**347 Cognition: The Psychology of Information.** Critically examines attention, memory (both conscious and unconscious), learning, categorization, problem solving, decision making, and design, and aims to apply these topics to life in the information age. 3 sem. hrs.

**348 Cognitive Science: Methods and Analyses.** Intensive laboratory experience using the methodology and analytic approaches of Cognitive Psychology to conduct original research. *Corequisite:* Psychology 347. 3 sem. hrs.

### Overview of Course Series 350-359 (PSYC)

*Special opportunities for exploration of topics in depth after introduction to a subarea of psychology.*

**359 Special Topics.** Special course offerings to explore specific direction within subdisciplinary area of psychology. *Prerequisite:* Stated when course is offered. 3 sem. hrs.

### Overview of Course Series 361-399 (PSYC)

*These courses provide intensive study with opportunity for individualized direction.*

**361 Independent Research.** Individual research conducted in collaboration with faculty. Note: No more than six semester hours may count toward a psychology major. *Prerequisite:* Permission of supervising instructor. 1-3 sem. hrs.

**388 Individual Internship.** Supervised independent work in field situation designed to give student applied experience after completion of appropriate coursework in subarea of psychology. *Prerequisite:* Course from the Psychology series 250-299 appropriate to the internship setting. 1-3 sem. hrs.

**399 Junior Thesis.** Critical overview of major developments in history and philosophy of science, with specific focus on philosophy, history, and current status of psychological science. Emphasis placed on developing individual research proposals for senior honors research. *Prerequisites:* Minimum overall grade point average of 3.30 and permission of instructor. 4 sem. hrs.

### Overview of Course Series 433-499 (PSYC)

*Prerequisites: Completion of all 200-level requirements. Completion of a Methods and Analyses course in the Psychology 311-329 series is strongly recommended but not required.*

**433 Multivariate Statistics.** Multiple variable research design and applied multivariate analyses, including multiple regression, factor analysis, and multivariate analysis of variance. 4 sem. hrs.

**434 Tests and Measurements.** Application of measurement theory to development and evaluation of educational and psychological tests. 4 sem. hrs.

**435 Advanced Personality and Social Psychology.** Critical examination of theory and research associated with interface between personality and social psychology. 4 sem. hrs.

**436 Developmental Psychopathology.** Intensive analysis of description, etiology, and development of individual patterns of behavioral maladaptation in childhood and adolescence with critical evaluation of child and family treatment approaches. 4 sem. hrs.

**437 Psychology in American Society and Culture.** Critical examination of the ways in which American society and culture have influenced the development of modern psychology, and the reciprocal influence of modern psychology upon the social practices and cultural norms of the United States. (Same as American Studies 323 and History 323.) 4 sem. hrs.

**438 Group Processes.** In-depth analysis of psychology of group formation, group conflict, group decision-making, and intergroup relations. Emphasis on critical analysis of current theory and research on collective phenomena. 4 sem. hrs.

**439 Psychoneuroendocrinology.** Important modulatory roles the brain and hormones play in display and control of various social behaviors and physiological phenomena in humans and other animals. 4 sem. hrs.

**440 Advanced Neuroscience.** Advanced interdisciplinary examination of field of neuroscience, including biochemistry of the neuron, biology of the brain, and creation of psychology out of nervous tissue. *4 sem. hrs.*

**441 Clinical Neuroscience.** Examination of ways in which brain function is modified to create symptomatology and syndromes that comprise clinical topics in psychology. The contrast between so-called psychological and biological bases of disorder is considered. *4 sem. hrs.*

**442 The Neurobiology of Relationships.** Examination of complex array of behaviors that animals display toward each other from the perspective of evolutionary pressures that shaped extant neurobiology. Focus on inextricable link between human and animal origins. *4 sem. hrs.*

**449 Advanced Seminar.** Special intensive seminar offerings based on student demand and faculty availability. *4 sem. hrs.*

**461-462 Senior Research.** Senior research project completed in collaboration with faculty mentor. *3-3 sem. hrs.*

**491-492 Senior Honors.** Advanced research opportunity for selected students requiring completion and presentation of senior thesis. *Prerequisite:* Departmental invitation. *3-3 sem. hrs.*

## Religion (RELG)

*G. Scott Davis, Chair*

*Professor Eakin*

*Associate Professors Bergren, Davis, Shaw*

*Assistant Professors Geaney, Winiarski*

### The Religion Major

Thirty semester hours in religion, including six hours in Biblical Studies, (three hours each from 230s/330s and 240s/340s), three hours in Historical Studies (250s/350s, 370s), three hours in a study significantly oriented toward a non-Western religion (250, 251, 252, 253, 352, 353, 355, 360, or 366), three hours in Ethical-Theological Studies (260s/360s), and Major Seminar (Religion 400). (A course used to satisfy the non-Western requirement may not be used to satisfy any other requirement for the major). It is required that the religion major take at least three 300-level courses. Each student will develop the major program in consultation with the departmental chair.

The department encourages dual majors of religion with other disciplines in the humanities and social sciences, and special consideration will be

given to students completing majors in two disciplines. Certain closely related courses in other departments may be included within the required 30 semester hours of religion, with departmental approval in each case.

### Honors Program

Qualified students (see above under Academic Programs) may apply to work for honors at the discretion of the department. A student 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 honor program in conjunction with a faculty advisor. The honors program will normally consist of four related courses, two of which will be RELG 391-392, culminating in an honors thesis. Honors will be granted only to those students whose theses meet departmental standards.

### The Religion Minor

Eighteen semester hours in religion with at least three semester hours each in Biblical Studies (230s/330s, 240s/340s), Historical Studies (250s/350s), Ethical-Theological Studies (260s/360s), and in a course significantly oriented toward a non-Western religion (see major requirements above). At least six semester hours must be 300-level coursework.

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

### Religion Courses (RELG)

**200 Symbol, Myth, and Ritual.** Symbols, myths, and rituals as recurring expressions of religion in both individual and communal focus. *3 sem. hrs.* (FSSA)

**201 The Bible as Literature.** Literary analysis of selected Biblical passages, with text viewed as autonomous entity. Attention to both intention of author(s) and message understood by recipient(s). Emphasis on student's direct involvement in textual analysis. *3 sem. hrs.* (FSLT)

**230 The History of Israel.** Israel's historical development through collaborative study of Israel's ideas and institutions within context of Ancient Near East. *3 sem. hrs.* (FSHT)

**232 Introduction to Biblical Hebrew.** Principles and structure of Biblical Hebrew with translation of selected Old Testament narratives. *3 sem. hrs.*

**241 Introduction to Early Christian Era.** Survey of history of early Christianity, beginning with Jesus and his religious background, to about 120 A.D. Focus on primary texts: New Testament and other early Christian literature. *3 sem. hrs.* (FSHT)

**242 Jesus and Christian Origins.** Investigates diversity of historical sources for Jesus. Detailed attention to selected ancient documents and modern interpretations. *3 sem. hrs.*

**243 The World of the New Testament.** Religious and philosophical movements, besides Christianity, that flourished in Mediterranean world 200 B.C. to 200 A.D. Focus on "Greco-Roman" religions, Judaism, and Gnosticism. *3 sem. hrs.*

**250 Introduction to World Religions.** Survey of major beliefs, practices, symbols, and sacred texts in selected religious traditions. *3 sem. hrs.*

**251 Sacred Arts of India.** Introduction to Indian religions focusing on artistic expressions, roles of yoga and meditation in creativity, and use of images to experience the divine. *3 sem. hrs.* (FSVP)

**252 East Asian Religious Thought.** Survey of East Asian religious traditions presenting comprehensive overview of Daoist, Confucian, Buddhist, and Shinto traditions through analysis of selected texts. *3 sem. hrs.* (FSLT)

**253 Body/Sex in World Religious Literature.** Exploration of theoretical ideas about body and sexuality in world religious literature focusing on connection between sexuality and construction of identity in various religious perspectives. *3 sem. hrs.* (FSLT)

**254 Contemporary American Religion and Spirituality.** Introduction to the religious diversity in the United States since 1965. Topics may include the re-emergence of evangelical Christianity in American politics and culture, varieties of African-American religious experience, religious challenges facing ethnic outsider groups, "cult" controversies, and the broad-ranging "spirituality" of modern Americans. *3 sem. hrs.*

**257 Native American Religions.** Historical survey of selected Native American religious traditions from prehistory to present. Course topics may include: Mississippian and Anasazi cultures; rituals of trade, agriculture and war; impact of European missionaries, revitalization movements; Black Elk and Lakota Catholicism; and religious freedom issues in contemporary Indian communities. *3 sem. hrs.* (FSHT)

**258 Medieval Religious Thought.** History of European religious thought in the Middle Ages through reading and analysis of primary texts in translation, supplemented by interpretive materials drawn from secondary literature. *3 sem. hrs.* (FSHT)

**260 History of Judaism.** Pre-exilic Yahwism to contemporary denominational Judaism. Attention to development of beliefs and practices. *3 sem. hrs.* (FSHT)

**263 Religion and the Arts.** Interactions of religious beliefs and practices with the visual and performing arts in selected traditions. *3 sem. hrs.* (FSVP)

**265 Religion and Moral Decisions.** Role of religion in shaping individual and social moral practices and beliefs. Emphasis given to role of social scientific theories and methods in interpretation of beliefs and institutions. *3 sem. hrs.* (FSSA)

**266 Television: Ethics for Hire?** TV comedy and drama to determine ethical structures. To ask, does TV have a responsibility to say something and if so, who will decide about content? How is high culture related to popular culture in the area of ethical claims? Enrollment limited to specified number of students of given class standing and other criteria. *3 sem. hrs. Offered in summer only.*

**267 Varieties of Christian Ethics.** Historical and contemporary approaches to ethics in the Christian traditions. Authors discussed may include Aquinas, Luther, Calvin, and contemporary thinkers on war, abortion, and sexuality. *3 sem. hrs.* (FSSA)

**268 Religion and Literature.** Religious beliefs, practices, and institutions as expressed in literature of various traditions. Emphasis on modern and contemporary works. *3 sem. hrs.* (FSLT)

**269 Ethics, Religion and the Environment.** Ethical and religious issues in human interaction with the nonhuman world. Topics may include animal rights, respect for nature, biological diversity, and religious stewardship for nature. *3 sem. hrs.*

**293-294 Selected Topics.** Special course offered at introductory level when sufficient faculty or student interest exists in subject matter not covered in other religion courses. May be repeated for credit when topics vary. *1-3/1-3 sem. hrs.*

*General prerequisite for 300-level courses applies to first-year students only: permission of instructor.*

**331 The Hebrew Prophets.** Emergence of Israelite prophetic movement in its ancient Near Eastern context, with application to contemporary social, political, ethical, and religious problems. *3 sem. hrs.*

**332 Hebrew and Christian Wisdom Literature.** Development of Biblical wisdom literature. Pre-Biblical, Hebrew, and Christian wisdom selections. *3 sem. hrs.*

**340 Varieties of Early Christianity.** Major varieties of Christianity that flourished in first two centuries A.D.: their origins and interactions. Consideration of Pauline, Johannine, and Marcionite strands; Jewish Christianity; Gnosticism; Montanism; etc. *3 sem. hrs.*

**341 Paul and Christian Origins.** Writings of Paul, with emphasis on diversity and early history of Christian Church, its theology and milieu. Reactions to Pauline thought. *3 sem. hrs.*

**342 John in Early Christian Literature.** Early Christian writings attributed to or associated with John. Primary attention to Gospel of John; also, study of Letters, Acts, Apocalypse, and Apocryphon of John. *3 sem. hrs. (FSLT)*

**343 Apocalyptic Visions of the End.** Origin and development of views concerning imminent end of world. Focus on Jewish and Christian traditions, with some attention to other strands. *3 sem. hrs.*

**352 Buddhism in India and Tibet.** Survey of major historical movements, philosophical developments, and cultural expressions in India and Tibet. *3 sem. hrs.*

**353 Buddhism in China and Japan.** Survey of major historical movements, philosophical developments, and cultural expressions in China and Japan. *3 sem. hrs.*

**355 Selected Asian Religions.** Intensive study of one of the following religious traditions: Daoism, Confucianism, or Zen. *3 sem. hrs.*

**356 Religious Thought of the Renaissance and Reformation.** History of religious thought in Europe, 1400-1600. Topics may include Christian humanism, fate and free will, the authority of Scripture, and the conquest of the New World. *Prerequisite:* Religion 258 or permission of instructor. *3 sem. hrs.*

**357 Religion in Early America.** Development of American religious traditions from the colonial period through the 1840s. Topics may include Puritanism, revivalism, African-American Christianity, the Founding Fathers, frontier religion, and religious sectarianism. *3 sem. hrs.*

**358 Topics in American Religious Traditions.** Focused study of a selected topic in American religious history such as the Great Awakening, Indians and missionaries, religious autobiography, or the frontier. Seminar format emphasizing the analysis of primary sources and related methodological issues. May be repeated. *3 sem. hrs.*

**359 American Judaism.** Emphasis on role of Jewish people beginning with their entrance into New Amsterdam in 1654; major immigration periods and precipitating factors; emergence of anti-Jewish reactions; and some contributions of Jews. *3 sem. hrs.*

**360 Goddess Traditions Ancient and Modern.** Survey of major prehistoric and historical goddesses and exploration of contemporary relevance of goddess spirituality. *3 sem. hrs.*

**362 Modern Religious and Anti-Religious Thinkers.** Critical examination of selected proponents and opponents of religious faith. Emphasis varies term by term upon questions such as God, Christ, the Bible, or religious authority. *3 sem. hrs.*

**363 Contemporary Christian Thought.** In-depth examination of a seminal thinker, group or movement in contemporary Christian thought. *3 sem. hrs.*

**364 Cross-Cultural Psychology of Religion.** Examination of relationship between psychology and religion from the perspective of a variety of cultural traditions. *3 sem. hrs.*

**365 Problems in Comparative Religious Thought.** Examination of philosophical problems in cross-cultural communication, particularly translation, rationality, and relativism. *3 sem. hrs.*

**366 Buddhist Philosophy.** Major Buddhist philosophical developments, beginning in India and culminating in contemporary Zen philosophy. *3 sem. hrs.*

**369 Problems in Social Ethics.** Selected issues of social concern as addressed by various religious traditions in contemporary context. Such topics as sexuality, war, abortion, euthanasia, and environmentalism. *3 sem. hrs.*

**370 Leadership and Religious Values.** (See Leadership 387.) *3 sem. hrs.*

**373 Witchcraft and its Interpreters.** Interdisciplinary exploration of witchcraft in early America (1620-1740) based on original legal records and related primary sources as well as selected secondary works by modern scholars. Special attention given to the interpretive methods employed by historians in their analyses of this unique religious phenomenon. *Prerequisite:* AMST 201 or permission of instructor. (Same as American Studies 373.) *3 sem. hrs.*

**375 Cults, Communes and Utopias in Early America.** Advanced study of selected sectarian communities in early America, including the "immoralists" of New England, the Ephrata Cloister, the Mormons, the Shakers, and the Oneida Community. Focused discussions of original writings, literature, music, art, and architecture. Participants design and execute a research project based on Boatwright Library's extensive collection of Shaker manuscripts. *Prerequisite:* AMST 201 or permission of instructor. (Same as American Studies 375.) *3 sem. hrs.*

**388 Individual Internship.** Application of academic skills and theories in placement supervised by Religion Department faculty member. Application must be presented to and approved by the Department prior to internship. *1-3 sem. hrs.*

**391-392 Honors Course.** *3-3 sem. hrs.*

**393-394 Selected Topics.** Special course offered when sufficient student interest exists in subject matter not covered in other religion courses. May be repeated for credit when topics vary. *Prerequisite:* Permission of instructor. *1-3/1-3 sem. hrs.*

**395-396 Independent Study.** Specialized study to provide maximum freedom in research and investigation. *Prerequisite:* Permission of instructor. *1-3/1-3 sem. hrs.*

**400 Majors Seminar.** Examination of selected issues in study of religion. *3 sem. hrs.*

## Rhetoric and Communication Studies (RHCS)

*Scott Johnson, Chair*

*Associate Professors Johnson, Thomas*

*Assistant Professors Bhatt, Mifsud, Sablstein*

*Director of Speech Center Hobgood*

*Director of Debate Kuswa*

## The Rhetoric and Communication Studies Major

**Note:** A grade of C+ or higher must be achieved in both RHCS 101 and RHCS 105, or permission from the department must be obtained, prior to admission to the major. GPA in the major must be 2.0 or higher, with no course grade below a C- (1.7) counting toward the major.

Thirty-three semester hours as follows:

Eighteen semester hours of required RHCS courses including 101, 105, 301\*, 305\*, 318, and 319\*\*.  
(\*Concurrent registration for 301 and 305 required for majors.) (\*\*Note prerequisite for RHCS 319: MATH 119.)

AND

Fifteen semester hours of RHCS elective courses approved by the department. At least nine hours of electives must be at or above the 300 level. Elective courses may be drawn from either the Rhetoric or the Communication Studies categories, with a minimum of six semester hours required from each category.

**Limitations:** RHCS 312/313 (Seminar) may be counted more than once toward the major. No more than three semester hours each of internship and independent study may count toward the major. Internships are strongly recommended and are graded pass/fail. Practicum credits will not count toward the major and are graded pass/fail.

## The Rhetoric & Communication Studies Minor

Eighteen semester hours in Rhetoric and Communication Studies including RHCS 101, 105, and 12 elective hours, at least six of which must be at or above the 300 level. No credit toward the minor for internships or practica.

## Rhetoric Courses (RHCS)

**101 Rhetoric and Public Address.** Introduction to rhetoric as an idea and a practice. Emphasizes theories of rhetorical design processes, in particular, theories of invention, arrangement, style, memory, and delivery. Includes weekly practicum. *4 sem. hrs.*

**201 Argumentation and Debate.** In-depth introduction to principles of public advocacy. Emphasizing both theory and skills, the course includes casewriting, presentation, analysis, refutation, cross-examination, and logical fallacies. *3 sem. hrs.*

**222 Business and Professional Speech.** Making the business presentation and giving the corporate advocacy speech. Application to workplace of skills in listening, problem solving, interviewing, conducting meetings. *Prerequisite:* Rhetoric and Communication Studies 101. *3 sem. hrs.*

**301 Classical Rhetoric.** Roots of modern rhetorical theory in writings of Greek and Roman teachers of rhetoric. *3 sem. hrs.*

**306 Persuasion.** Examines theories of motivation, audience, and message creation to enhance abilities to understand, critique, and design persuasive discourse. Includes study of advertising, politics, workplace, and interpersonal relations. *Prerequisite:* Rhetoric and Communication Studies 101. *3 sem. hrs.*

**311 Advanced Rhetoric and Public Address.** Performance course for advanced students. Strategic planning for persuasive speaking, including audience analysis, subject matter expertise, and delivery techniques for greater effectiveness. *Prerequisite:* Rhetoric and Communication Studies 101. *3 sem. hrs.*

**313 Rhetoric Seminar.** Special topics courses in areas such as rhetoric in film, history of rhetoric, and rhetorical theory. *Prerequisite:* Established by instructor. *3 sem. hrs.*

**318 Rhetorical Criticism.** History and development of leading critical methodologies and theories. Studies in criticism of influential speeches in history. *Prerequisite:* Rhetoric and Communication Studies 101. *3 sem. hrs.*

**320 Speech Writing.** History of professional speech writing from classical times to present. Attention to status and impact of modern political and business speech writers. Emphasis on writer/speaker relationship, audience analysis, speech structure, use of data,

writing in an oral style. *Prerequisite:* Rhetoric and Communication Studies 101. 3 sem. hrs.

**325 History of Public Address.** Critical study of selected speakers, speech content, and speech effect on significant issues (including gender, race, class, and religion) across historical eras and cultures. 3 sem. hrs.

**343 Political Rhetoric.** 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. 3 sem. hrs.

**351 Medieval to Modern Rhetorics.** Introduction to nature, scope, function, and value of rhetorical theory in Medieval, Renaissance, and Enlightenment cultures. Key figures include St. Augustine, Boethius, Trebizond, Peter Ramus, Giambattista Vico, George Campbell, Hugh Blair, and Richard Whately. 3 sem. hrs.

**361 Contemporary Perspectives on Rhetoric.** Survey of leading contemporary rhetorical theorists with emphasis on those who provide alternative views to classical and neo-Aristotelian theories including symbolic interactionist approaches, postmodern approaches, and critical approaches. *Prerequisite:* Rhetoric and Communication Studies 101. 3 sem. hrs.

## Communication Studies Courses (RHCS)

**105 Interpersonal Communication.** Survey of theory and practice relating to one-to-one communication. Exploration of role of communication and meaning in development of self, perceptions, and relationships. Introduction to social scientific study of communication. 3 sem. hrs. (FSSA)

**206 Group Communication.** Group Communication theory and methodology; participation in group discussion relating theory to specific communication problems. 3 sem. hrs.

**305 Communication Theory.** Survey of leading human communication theories put forward in varied areas of communication behavior, including interpersonal, group, and public communication. *Prerequisite:* Rhetoric and Communication Studies 105. 3 sem. hrs.

**312 Communication Studies Seminar.** Special topics courses in areas such as conflict management, gender communication, and family communication. *Prerequisite:* Established by instructor. 3 sem. hrs.

**319 Research Methods and Analysis in Communication.** Introduction to research design, methods, and analysis in communication studies. Quantitative and qualitative methodologies will be considered,

with emphasis on design, execution, and critical interpretation of research. *Prerequisite:* Math 119. 3 sem. hrs.

**335 Organizational Communication.** Presents fundamental principles of organizational communication theory, methods, and practices, applied to concrete examples from organizational experience. *Prerequisite:* Rhetoric and Communication Studies 105. 3 sem. hrs.

**340 Cross-Cultural Communication.** Studies dynamics of cross-cultural communication. Emphasis on familiarizing students with issues relating to diversity and improving students' skills in communicating across cultural barriers. *Prerequisite:* Rhetoric and Communication Studies 105. 3 sem. hrs.

**345 Advanced Theories in Interpersonal Communication.** In-depth exploration of specific theories in area of interpersonal communication. 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, most specifically through works of Buber, Bakhtin, Arnett, and Baxter. *Prerequisite:* Rhetoric and Communication Studies 105. 3 sem. hrs.

## Elective Courses (RHCS)

**315 Independent Study.** *Prerequisite:* Permission of instructor. *Restriction:* No more than 3 semester hours of independent study may count toward the major or minor. 1-3 sem. hrs.

**332 Practicum.** Understanding communication through practical oral performance: debate, oral interpretation, public address. Fifty hours of work for one hour of practicum credit. Includes research and written work appropriate to the speech activity involved. Eight hours maximum credit. Graded pass/fail only. *Prerequisite:* Permission of department. 1-3 sem. hrs. *Restriction:* Does not count for Rhetoric and Communication Studies major or minor.

**333 Theory and Pedagogy.** For students who have successfully applied for positions as student consultants and speech fellows at the Speech Center. 3 sem. hrs.

**388 Individual Internship.** Practical application of speech communication principles and skills in a supervised, out-of-class environment. Graded pass/fail only. *Prerequisite:* Faculty approval before beginning work. 1-3 sem. hrs. *Restriction:* No more than 3 semester hours of internship may count toward Rhetoric and Communication Studies major. Open to majors and minors only, but does not count toward the Rhetoric and Communication Studies minor.

**498-499 Honors Thesis Writing.** Advanced research and writing opportunity for Departmental Honors students. Requires completion and presentation of honors thesis. *Prerequisite:* Membership in departmental honors program. 3-3 sem. hrs.

## Sociology and Anthropology (SOC, ANTH)

Joan Neff, Chair

Professors Leuwellen

Associate Professors Cavalcanti, Neff, Nourse, Obi, Wharton

Assistant Professors Jackson, Stewart

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

### Anthropology (ANTH)

**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).

### The Anthropology Minor

Anthropology 205 and 15 additional semester hours of anthropology.

### Anthropology Courses (ANTH)

**205 Introduction to Cultural Anthropology.** The various ways in which people make cultural meaning out of their lives, especially in non-Western cultures. Cross-cultural perspective on social structure, religion, economy, and politics. 3 sem. hrs. (FSSA)

**300 Gender in Cross-Cultural Perspectives.** Cross-cultural analysis of masculinity and femininity. Diversity and variation. 3 sem. hrs.

**301 Dependency and Development: An Introduction to the Third World.** (See International Studies 301.) 3 sem. hrs.

**304 Ritual, Witchcraft, & Divination.** Role of religion in tribal, peasant, and industrial cultures, including myth, ritual, symbolism, and relation of religion to social structure. 3 sem. hrs.

**306 Leadership in Cultural and Historical Context.** (See Leadership 306.) *Prerequisites:* Anthropology 205 or Sociology 301. 3 sem. hrs.

**307 Native American Heritage.** Historical development, culture, variability, and present issues of Native Americans north of the Rio Grande. 3 sem. hrs.

**308 Peoples of Latin America.** Anthropological overview of Latin American cultures and subcultures, including close studies of particular pre-Columbian civilizations and contemporary tribal peoples, peasants and urbanites. 3 sem. hrs.

**310 Tribe, Nation, World: The Anthropology of Globalization.** (See International Studies 310.) 3 sem. hrs.

**326-327 Directed Independent Study.** *Prerequisites:* Anthropology 205 with a grade of C- or above and permission of department chair. 1-3/1-3 sem. hrs.

**336 Big Men, Chiefs, and Presidents: The Anthropology of Politics.** Power, authority, and conflict in cross-cultural perspective, especially in preindustrial societies. Development of theory in political anthropology; types of political systems; evolution of political systems; contemporary theory. 3 sem. hrs.

**338 Peoples of Africa.** Anthropological approach to history, economics, kinship, religion, and gender in various African areas. 3 sem. hrs.

**339 Peoples of the Pacific.** Melanesian, Polynesian, Micronesian. Anthropological approach to history, economy, kinship, religion, and gender relationships. 3 sem. hrs.

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

**379 Selected Topics.** Examples include Marriage and Kinship, Peoples of India, and others arranged by the department. May be repeated for credit if topics differ. 1-3 sem. hrs.

**388 Individual Internship.** Supervised independent field work. *Prerequisites:* Anthropology 205 with a grade of C- or above, six additional hours of Anthropology, and permission of department chair. 3 sem. hrs.

**389 Research Practicum.** For junior- or senior-level students. Work closely with professor on research project: design, data collection, data analysis. *Prerequisites:* Anthropology 205 with a grade of C- or above, six additional hours in anthropology or closely related field, and permission of department chair. 1-3 hrs.

### Sociology (SOC)

**Note:** The grade point average of the sociology coursework comprising the major or the minor must be no less than 2.00 with no course grade below C- (1.7). A grade of C- or above is required for all upper level sociology courses, except as noted.

### The Sociology Major

Thirty-three semester hours in Sociology including 101, 300, and 334 (at least 21 of the 33 semester hours should be taken at the University of Richmond). Mathematics 119 is a prerequisite to Sociology 300, but does not count toward the major or minor. Sociology courses are divided into five categories: Gender and Society, Struc-

ture and Inequality, Institutions and Practices, Regional and Transnational Studies, and Social Control and Social Order. Students must take at least one course within each category. For specific courses within categories, check with a Sociology advisor or refer to the posting on the Web. One three-credit Anthropology course may be counted toward the Sociology major.

### The Sociology Minor

Eighteen semester hours in sociology, including 101, 300, 334, and nine additional hours of sociology, selected from at least three different categories (see above).

### Sociology Courses (SOC)

**101 Introduction to Sociology.** Fundamental concepts and principles of sociology. Culture, socialization, social structure, stratification, social control, institutions, population, and social change. *3 sem. hrs.* (FSSA)

**220 Introduction to Women's Studies: The Sociology of Women.** (See Women's Studies 220.) *3 sem. hrs.* (FSSA)

**230 Introduction to Africa: The Sociology of Africa.** (See International Studies 230.) *3 sem. hrs.*

**300 Fundamentals of Sociological Research.** Research design and methods; data analysis and presentation; interpretation of findings and relationship to sociological theory. *Prerequisites:* Sociology 101 and Mathematics 119. *3 sem. hrs.*

**302 Social Movements.** Examination of various types of social movements and theoretical perspectives that explain them. Includes movement origins, structure and organization, goals and strategies, how movements change, and how they affect the larger society. Analysis of social, economic, and political contexts in which movements develop. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**303 Sociology of Families.** Family as social institution; historical, social class, ethnic, racial, economic contexts, and variations. Intersection with religious, state, and educational institutions. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**305 Deviance.** Varieties of social deviance; sociological explanations for and current methods of dealing with such behavior. Drug and alcohol abuse, sexual deviance, suicide, mental illness, and child and spouse abuse. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**309 Social Problems.** Personal-social disorganization and maladjustment: physical and mental handicaps; economic inadequacies; programs and methods of social treatment and control. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**310 Criminology.** Laws; prevalence and distribution of crime; theories of crime; varieties of criminal behavior; police actions; court actions; the penal system. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**311 Juvenile Delinquency.** Meaning of juvenile delinquency; measurement, prevalence, and distribution of juvenile delinquency; theories of delinquency; police actions; court actions; juvenile institutions. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**313 Field Investigation of the Juvenile and Adult Criminal Justice Systems.** Steps in adult and juvenile criminal justice processes from arrest through court procedures, incarceration. Innovative rehabilitative treatments. Students participate in series of field experiences. Readings from sociological literature. *Prerequisite:* Sociology 101 or permission of instructor. (*Offered in Summer only.*) *3 sem. hrs.*

**314 Sociological Perspectives on American Immigration.** Explores impact of international migration on social structure of the United States. Surveys experience of selected immigrant groups and several sociological theories of immigrant adaptation and incorporation in order to better understand the development of social and economic inequalities, ethnic stratification, and American ethnicity. *Prerequisite:* Sociology 101, American Studies 101 or permission of instructor. *3 sem. hrs.*

**315 Population and Society.** Distribution, composition, and growth of population; relation of quantity to resources; population trends and problems. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**316 Race and Ethnicity in America.** Native peoples; immigration and settlement of U.S.; racial and ethnic groups; prejudice and discrimination; race relations in racially and culturally diverse society. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**317 Medical Sociology.** Social factors contributing to physical and mental illness; demography of illness etiology and epidemiology; social factors in recognition and definition of health and illness; social and economic variation in health care; medicalization of deviance; drug and alcohol use and abuse. *Prerequisite:* Sociology 101 or permission of instructor. *3 sem. hrs.*

**318 Social Stratification.** Principal structural units of society; interrelationship of class and status; influence on social institutions, personality, and group behavior. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**319 Sociology of Sex and Gender.** Social construction of gender and sexuality. Focus on U.S., some cross-cultural comparisons; negotiation of sex and gender in everyday settings, e.g., work and family. *Prerequisite:* Sociology 101 or 220. *3 sem. hrs.*

**320 Sociology of Religion.** Religion and society; social nature of religious phenomena; interaction of religious beliefs and practices with secular societies; interplay of religion and politics in American experience; social functions of mainstream religion; emergence of new religious movements. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**322 Collective Behavior.** Social interaction in mass behavior; structure and functioning of crowds, audiences, publics, and mass movements. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**323 The Black Community in Urban America.** Life as viewed by black residents: family, economy, law, education, health, housing, welfare, recreation, politics, and religion. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**324 Law and Society.** Variations within and between legal systems; social nature of the legal system; legal profession; gender, social class, ethnic, cultural background effects; sociological issues within civil and criminal law; organization and interaction within American legal system. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**325 Self and Society.** Elements of identity formation and how identity formation has changed during the 20th century. How transition from an agrarian to an industrial to an informational society compartmentalized human lives, creating more complex choices. How contemporary Americans develop resources to cope with relationships and the consequences they face as they try to live meaningful lives. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**326-327 Directed Independent Study.** *Prerequisites:* Sociology 101 and permission of department chair. *1-3/1-3 sem. hrs.*

**328 Social Gerontology.** Processes of aging and characteristics of the aged; social adjustment, retirement, mobility, living arrangements, public and private programs of finance and care. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**329 Education and Society.** The school as system; changing organizational forms; public and private education; functions in society; key problem areas; gender, social class, ethnic, cultural background effects. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**330 Work and Society.** Examines structure and role of work in American life. Topics include: career choices, occupational socialization and commitment, culture and organization of the workplace, processes of social stratification and issues of gender, race, and age discrimination in the workplace, organization of professional occupations, larger social forces that shape the world of work, the changing nature of work, and intersection of work with other areas of one's life. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**331 Issues in Ethnic Studies.** Selected readings exploring ethnic groups and intergroup relations. Topics include the basics of ethnic studies (the development of the field in America, its theoretical models and research methods); major issues, including ethnic stratification, forms of ethnic social adaptation, ethnicity and race, class, and gender differences, and ethnic differences in socioeconomic achievements; issues of racism and ethnic discrimination; the institutional connections of ethnic studies; and finally, the future of ethnic studies. Explores ways in which Americans of different ethnic origins negotiate ethnicity and identity to contribute to their society. *Prerequisite:* Sociology 101. *3 sem. hrs.*

**332 Selected Topics in Ethnic Studies.** Explores in-depth topics in field of ethnic studies. Possible topics include: Latino Studies, Asian-American Studies, African-American Studies, migration issues, social adaptation and integration, and issues of racism and segregation. Focus may be on the American experience on ethnic issues in their regional or global dimensions. *Prerequisite:* Sociology 101 or Anthropology 205. *3 sem. hrs.*

**334 Sociological Theory.** History of sociological thought, major theoretical perspectives, contemporary issues. *Prerequisites:* Sociology 101 and six additional hours in sociology or in a closely related field. *3 sem. hrs.*

**342 Dying, Death, and Grief.** Analysis of current American attitudes toward death and dying. Social/emotional responses of dying patient's relatives, friends, and various helping professionals. Meaning and function of grief. Cross-cultural data included where possible. *3 sem. hrs.*

**371 Urban Ecology.** (See Biology 371.) *3 sem. hrs.*

**379 Selected Topics.** Examples include Industrial Sociology, Minorities through Media, Changing Workers/Changing Families, Crisis in Central America, and others arranged by department. May be repeated for credit if topics differ. *Prerequisite:* Sociology 101. *1-3 sem. hrs.*

**388 Individual Internship.** Supervised independent field work. *Prerequisites:* Sociology 101, 12 additional hours of sociology, and permission of department chair. *3 sem. hrs.*

**389 Research Practicum.** For junior or senior level majors. Work closely with professor on research project: design, data collection, data analysis. *Prerequisites:* Sociology 101, 300, and six additional hours of sociology and permission of department chair. *1-3 sem. hrs.*

## Speech

(See Rhetoric and Communication Studies)

## Theatre and Dance (THTR, DANC)

W. Reed West, Chair

Associate Professors Schoen, West

Assistant Professor Holland

Director of Costume and Makeup Allen

Assistant Director of Costume and Makeup Pope

Director of Dance Daleng

Assistant Director of Dance Van Gelder

Each year two professional guest artists join the faculty to work with students and in productions. Additional professionals from the field are also employed as adjunct faculty members. Upper-level courses are taught on a rotating basis.

### Dance (DANC)

#### The Dance Minor

Twenty-one semester hours to include the following:

Stage Lighting Theatre 202 or Basics of Acting Theatre 212	3 hours
Dance History 250	3 hours
Choreography 255	3 hours
Performance Dance 256, 257, 259, 260, 261, 262, 263, 266, 267, 306, 361, 362, 363, 366,	6 hours
Technical Theatre/Design Theatre Arts 201, 202, 204, 206, 213, 301, 302	3 hours
Elective in Dance or Theatre	3 hours

**Limitations:** No course credit hours can be counted twice. Theatre 330-341 (Practica) cannot be counted in the Dance minor. Theatre 388 (Individual Internship) cannot be counted toward the Dance minor.

#### Dance Courses (DANC)

**250 Dance History.** Study of the development of dance from its primitive beginnings to present. Students will create dance sequences in movement labs. *3 sem. hrs.* (FSVP)

**255 Choreography.** Study of choreographic process covering fundamentals of movement composition. Studio time includes improvisation and choreography. *Prerequisite:* Departmental approval. *3 sem. hrs.* (FSVP)

**256 Beginning Jazz Dance.** Introduction to jazz dance as an eclectic form of artistic expression with emphasis on rhythm and technique. *3 sem. hrs.*

**257 Beginning Ballet.** Introductory course in ballet as a theatrical art form. Study of basic ballet terminology, understanding of correct body placement, and a general knowledge of performing elementary ballet technique. *3 sem. hrs.*

**259 Beginning Tap Dance.** Introduction to tap dance, a theatrical form of artistic expression with development of a movement vocabulary based on rhythms made with taps. *3 sem. hrs.*

**260 Beginning Modern Dance.** Introduction to modern dance as a diverse form of expression with development of language of movement. *3 sem. hrs.* (FSVP)

**261 Intermediate Jazz Dance.** Continuation of beginning jazz, emphasizing intermediate technique, vocabulary, and style. *Prerequisite:* Previous jazz technique. *3 sem. hrs.*

**262 Intermediate Tap Dance.** Continuation of beginning tap dance, emphasizing intermediate technique using movement to build strength and coordination. Syncopated rhythms are explored with the sounds of the taps. *Prerequisite:* Previous tap dance technique. *3 sem. hrs.*

**263 Intermediate Modern Dance.** Continuation of beginning modern dance, emphasizing intermediate technique and development of an aesthetic vocabulary of contemporary modern dance. *Prerequisite:* Previous modern dance technique. *3 sem. hrs.*

**266 Intermediate Ballet.** Continuation of beginning ballet, emphasizing intermediate technique and vocabulary. *Prerequisite:* Previous ballet technique. *3 sem. hrs.*

**267 Movement for the Actor.** Study and exploration of movement for the actor through improvisation and guided exercises. *3 sem. hrs.*

**306 University Dancers.** Technique, rehearsal, and performance of dance works choreographed by dance faculty, students and visiting choreographers. May be repeated. *Prerequisite:* Audition or invitation by director. *1 sem. hr. Fall - 1 sem. hr. Spring.*

**312 Special Topics in Dance.** Offered on an as-needed basis. Representative topics include ballet, jazz, modern, tap, dance history, advanced choreography, dance theory, music for dancers, and kinesiology. *1-3 sem. hrs.*

**315 Independent Study.** *Prerequisite:* Permission of instructor. *1-3 sem. hrs.* Restriction: Prospectus must be submitted and approved prior to the end of advance registration.

**361 Advanced Jazz Dance.** Continuation of intermediate jazz, emphasizing advanced technique, vocabulary and style. *Prerequisite:* Previous intermediate jazz technique. *3 sem. hrs.*

**362 Advanced Tap Dance.** Continuation of intermediate tap dance, emphasizing advanced technique us-

ing movement to build strength and coordination. Syncopated rhythms are explored with the sounds of the taps. *Prerequisite:* Previous intermediate tap dance technique. *3 sem. hrs.*

**363 Advanced Modern Dance.** Continuation of intermediate modern dance, emphasizing advanced technique and developing an aesthetic vocabulary of contemporary modern dance. *Prerequisite:* Previous intermediate modern dance technique. *3 sem. hrs.*

**366 Advanced Ballet.** Continuation of intermediate ballet, emphasizing advanced technique and vocabulary. *Prerequisite:* Previous intermediate ballet technique. *3 sem. hrs.*

### Theatre (THTR)

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

#### The Theatre Major

Thirty-six semester hours	
Production (Theatre 205, 306, 407)	12 hours
History (Theatre 309, 321, Dance 250)	3 hours
Performance (Theatre 212, 308, 320, 327, 328, Dance 255, 256, 257, 259, 260, 261, 262, 263, 266, 267, 306, 361, 362, 363, 366)	3 hours
Technical (Theatre 201, 202, 206, 213, 301, 302)	3 hours
Theory (Theatre 325, 370)	3 hours
Literature/Criticism (Theatre 220)	1 hour
Literature/Criticism (Theatre 221)	1 hour
Literature/Criticism (Theatre 222)	1 hour
Movement (Dance 256, 257, 259, 260, 261, 262, 263, 266, 267, 361, 362, 363, 366)	3 hours
Electives in Theatre or Dance (three hours must be at the 300 level)	6 hours

#### Limitations

Theatre 330-341 (Practica) and 388 (Internship) cannot be counted in the major.

No course credit hours can be counted toward both a major in Theatre and a minor in Dance.

#### The Theatre Minor

Twenty-one semester hours:	
Theatre History/Theory (309, 321, 325)	3 hours
Performance (212, 308, 320, 327, 328)	3 hours
Technical Theatre/Design (201, 202, 206, 213, 301, 302, 322)	3 hours

Literature/Criticism (Theatre 220)	1 hour
Literature/Criticism (Theatre 221)	1 hour
Literature/Criticism (Theatre 222)	1 hour
Movement (Dance 256, 257, 259, 260, 261, 262, 263, 266, 267, 361, 362, 363, 366)	3 hours
Electives in Theatre or Dance (three hours must be at 300 level)	6 hours

#### Limitations

Theatre 315 (Independent Study), 330-341 (Practica) and 388 (Internship) cannot be counted in the minor.

#### Honors Program

Students electing to fulfill requirements for the honors program in the Department of Theatre and Dance must designate six hours of honors credit in upper level classes. This will require the student to do additional work over and above the normal requirements of the course. In addition, the student must take Theatre 380, Honors Thesis Preparation, and Theatre 381, Honors Performance/Thesis. The student must have attained a departmental GPA of 3.30 by the beginning of the fall semester of the senior year. The student must maintain that GPA, along with an overall GPA of no less than 3.0, through the completion of 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 requirements.

#### Interdisciplinary Concentration in Dramatic Studies for English or Theatre Majors

See pages 151-152.

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

See pages 150-51.

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

See page 150.

## Theatre Courses (THTR)

**115 Theatre Appreciation.** Theatre as collaborative art from perspective of audience member as critic. Observation and evaluation of theatre work in progress and performance with accent on field study and interaction with theatre professionals. Lab component: 8 hours, to be arranged. *3 sem. hrs.* (FSVP)

**119 Broadway Musical Theatre.** Survey of the Broadway Musical Theatre from 1920s to present day. Provides basic background in music theory and culminates with performance of a musical written and produced by class members. In addition to regular class meetings, weekly labs are held for rehearsals and presentation of special topics. (See Music 119.) *3 sem. hrs.* (FSVP)

**201 Stagecraft.** Technical aspects of scenery; theory and practical applications. Laboratory hours required. *3 sem. hrs.* (FSVP)

**202 Stage Lighting.** Mechanics and artistic aspects of stage lighting in theory and in practice; designing and executing light plots. Laboratory hours required. *3 sem. hrs.*

**205 Production Studies I—Foundation of Theatre Principles.** This course will examine the meaning of “art” to theatre/dance and the necessity of research, while exploring the elements of acting, directing, dance, scene design, lighting, costume design, makeup, and sound design in theatre productions. The study of theatre history and theory will provide students with a framework for the analysis of text and performance. Also, students will learn methods for assembling a theatre portfolio that will represent their course work, research, and creative projects. *6 sem. hrs.*

**206 Introduction to Costume.** Introduction to role of costume designer as collaborative artist in theatre process. Survey of historical implications for design. Basic skills of costume construction. Laboratory assignments with mainstage productions. *3 sem. hrs.* (FSVP)

**212 Basics of Acting.** Basic methods of analysis and performance techniques necessary to generate believable human behavior on stage. Study of roots (mind/body processes), not ends of acting (performance). Class exercises to develop and discipline actor’s physical, vocal, and imaginative equipment. Laboratory assignments with major productions. *3 sem. hrs.* (FSVP)

**213 Fundamentals of Stage Makeup.** Art and application of theatrical makeup, realism to fantasy. Corrective makeup; specialty makeup (aging, scars, beards, animal faces). Laboratory assignments in conjunction with all major productions. *3 sem. hrs.*

**220 Readings in Classical Theatre.** Examination of classical plays as basis for production and performance. All plays in English. *Prerequisite:* Majors and minors only. *1 sem. hr.*

**221 Readings in Modern Theatre.** Examination of modern plays as basis for production and performance. All plays in English. *Prerequisite:* Majors and minors only. *1 sem. hr.*

**222 Readings in Contemporary Theatre.** Examination of contemporary plays as basis for production and performance. All plays in English. *Prerequisite:* Majors and minors only. *1 sem. hr.*

**301 Scene Design.** Artistic aspects of stage setting in theory and in practice. Consideration of mechanical perspective, watercolor sketching, color schemes, and history of period design. Laboratory hours required. *Prerequisite:* Theatre 205 or permission of instructor. *3 sem. hrs.* (FSVP)

**302 Scene Painting.** Study of function of scenic artist in theory and practice. Hands-on approach to scene painting. *Prerequisite:* Theatre 205 or permission of instructor. *3 sem. hrs.* (FSVP)

**306 Production Studies II—Collaboration and Problem Solving.** Students are required to form a production organization and produce a substantial play at the end of the semester. Students must select the play, analyze the material, provide the requisite dramaturgical research, create a budget, design all visual elements, raise funds for and publicize the production, and critique the results. *Prerequisite:* Theatre 205. *3 sem. hrs.*

**308 Basics of Directing.** Principles and techniques of directing the realistic modern play. Case studies and scene work. One-act play prepared for production by each student. Laboratory assignments with major productions. *Prerequisite:* Theatre 205 or permission of instructor. *3 sem. hrs.*

**309 Theatre History.** Survey of theatre history from the Greeks to the present. Focus on major performance traditions, conventions, institutions, and theories within a cultural, economic, and political context. *3 sem. hrs.*

**310 Managing Performing Arts Organizations.** (See Music 310.) *Prerequisite:* Theatre Major or Dance Minor. *3 sem. hrs.*

**312 Special Topics.** Representative topics: Acting for the Camera, Advanced Courses in Costume, Directing, Makeup, Critical Theory, Directing, Improvisation, Makeup, Performance Theory, Stage Combat. *Prerequisite:* Theatre 205 or permission of instructor. *1-3 sem. hrs.*

**315 Independent Study.** *Prerequisite:* Permission of instructor. *1-3 sem. hrs.* Restriction: Prospectus must be submitted and approved prior to the end of advance registration. Does not count for Theatre or Dance minor.

**320 Advanced Acting: Twentieth-Century Acting Styles and Theory.** Concentrated scene study class that explores relationship between 20th-century dra-

matic literature and acting techniques and theories that developed to meet demands of these plays. By preparing scenes from various modern genres of theatre, acting students examine techniques and research methods necessary to unlock performance elements of the most demanding dramas of the last 100 years. *Prerequisite:* Theatre 212 or permission of instructor. *3 sem. hrs.*

**321 History of Apparel.** Designed to give students a recognition/understanding of the evolution of clothing from the ancients to the 20th century. Beginning with the physiological and psychological reasons for clothing. Includes focus on the relationship of fashion to the social and political issues of the time period. *3 sem. hrs.*

**322 Advanced Costume Design.** Further exploration of various construction, patterning, design, research, and rendering problems; and the methods for solving them. Building on the techniques learned in the introductory course, students will gain a deeper understanding of the variety of methods used in problem solving, and how to know which approach is best suited to the needs of the script in question. The course will culminate in a public presentation of students’ projects. *Prerequisite:* Theatre 206 or permission of instructor. *3 sem. hrs.*

**325 Script Analysis.** Systematic approach to understanding and realizing the theatrical implications of playscripts. Script study as if in preparation for mounting production. Laboratory hours required. *3 sem. hrs.* (FSLT)

**327 Acting Shakespeare I.** Introduction to methods of textual analysis and literary research necessary to prepare a Shakespearean play for performance. *Prerequisite:* Theatre 205 or permission of instructor. *3 sem. hrs.*

**328 Acting Shakespeare II.** Introduction to emotional, physical, and vocal techniques necessary for performing a Shakespearean play. Builds on work of Theatre 327 in providing students with analytical means and research methods necessary to make informed artistic decisions. *Prerequisite:* Theatre 327. *3 sem. hrs.*

**345 Philanthropy in the Arts.** (See Music 345; Same as Art 345.) *Prerequisite:* Music/Theatre 310 or Art 322 or permission of instructor. *3 sem. hrs.*

**370 Women and Theatre.** Study of selected plays by female playwrights with a focus on the representation of gender and gender relations within their cultural, historical, economic and political contexts. Readings in feminist critical theories will provide critical frameworks for analyzing representations of race and class as they intersect with gender. *3 sem. hrs.*

**380 Honors Thesis Preparation.** Research and preparation for honors thesis or project in Theatre or

Dance. *Prerequisite:* Acceptance in the Department Honors Program. *3 sem. hrs.*

**381 Honors Performance/Thesis.** Research and writing honors thesis or realization (including rehearsals and all drawings) of a creative honors project in Theatre or Dance. *Prerequisite:* Acceptance in the Department Honors Program. *3 sem. hrs.*

## Practica:

**330 Performance** *.5-3 sem. hrs.*

**331 Directing/Choreography** *.5-3 sem. hrs.*

**332 Stage Management** *.5-3 sem. hrs.*

**333 Technical Crew** *.5-3 sem. hrs.*

**334 Design** *.5-3 sem. hrs.*

**340 Scenery/Props** *.5-3 sem. hrs.*

**341 Costume** *.5-3 sem. hrs.*

**342 Makeup** *.5-3 sem. hrs.*

**343 Lighting** *.5-3 sem. hrs.*

Understanding theatre arts through analysis of and participation in creative theatrical efforts. Fifty hours work for one hour of practicum credit. Includes research and written work appropriate to the theatrical activity involved. Twelve hours maximum credit; six hours maximum per semester. *Prerequisite:* Permission of department. *Restriction:* Does not count for Theatre or Dance major or minor.

**388 Individual Internship.** Practical application of theatre and dance principles and skills in supervised, out-of-class environment. Graded pass/fail only. *Prerequisites:* Majors and minors only; faculty approval before beginning work. *1-3 sem. hrs.* *Restriction:* Does not count for theatre major or minor or dance minor.

**407 Production Studies III—Production Seminar.** This seminar will focus on analyzing, evaluating, and preparing a text selected for production in our main stage production season. The seminar will precede the production by one semester; each student will be assigned a major area of responsibility for that production. The director of the production will lead the seminar and students receive their final grade for the class after successfully completing their production assignment in the subsequent semester. *Prerequisite:* Theatre 205. *3 sem. hrs.*

## Urban Practice and Policy (URPP)

*Stuart L. Wheeler, Coordinator (Classical Studies)*

The Urban Practice and Policy program offers the opportunity to examine in detail the built environment which human beings have created for themselves as an artificial protection from the world of nature and the problems inherent in such an artificial system. Ranging across four

schools and nine departments and programs, the student of Urban Practice and Policy examines the procedures which have been used and continue to be used to reinforce and manage the urban system; the economic structures which undergird urban prosperity; the challenges the urban system creates for the natural world; the diversity of populations and physical structures within the urban system; the use, maintenance, and preservation of these physical structures; and the policies which affect, reflect, and regulate these components.

### The Urban Practice and Policy Major

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

The major consists of 30 semester hours of academic work including six from:

URPP 209 The Built Environment, 3

AND

URPP 498 Major seminar, 3

OR

URPP 499 Independent Study, 3

The remaining 24 hours should be taken from the following courses. One course is required from each of the four divisions outlined below. The remaining 12 hours are to be selected from among the courses below according to the individual major's interests or course availability. An internship may be substituted for one of the four elective courses (see below). Other courses not listed below proposed by the individual major and approved by the coordinator as appropriate may be counted toward the elective portion of the major.

### The Urban Practice and Policy Minor

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

The minor consists of 18 semester hours of academic work, three of which must be from:

URPP 209 The Built Environment, 3

The remaining 15 hours in the minor should be taken from the following courses. One course is required from each of three of the four divisions outlined below. The remaining six hours are to be selected from among the courses below according to the individual minor's interests or course availability. An internship may be substituted for one of the two elective courses (see below). Other courses not listed below proposed by the individual minor and approved by

the coordinator as appropriate may be counted toward the elective portion of the minor.

### Urban Practice and Policy Courses (URPP)

**209 The Built Environment.** Survey of history of the city from ancient times to present. Emphasizes reciprocity of the natural and artificial resources necessary for an urban environment; studies urban fabric from point of view of diversity of human and architectural components; examines policies which regulate the urban ecosystem. Guest presentations by selected members of University of Richmond faculty, staff of the City of Richmond, and representatives of selected Richmond civic and cultural organizations augment the course. (Same as Classics 209.) *3 sem. hrs.*

**388 Individual Internship.** Supervised work experience in the urban environment. *3 sem. hrs.*

**498 Major Seminar.** Directed by faculty member approved by the Urban Practice and Policy coordinator. Culminates in carefully researched and written paper which synthesizes the major experience. Choice of subject partially dictated by curriculum choices. Students work cooperatively in defining appropriate research techniques and in sharing and critiquing elements of paper at each stage of development. *3 sem. hrs.*

**499 Independent Study.** May be taken in lieu of Urban Practice and Policy 498 with the approval of coordinator. *3 sem. hrs.*

See the departmental listings for descriptions of the following courses offered for Urban Practice and Policy credit.

### Management and Economy

#### Economics (ECON)

101 Principles of Microeconomics

331 Labor Economics

#### Leadership (LDSP)

303 Leadership in Political Contexts

305 Leadership in Community and Volunteer Organizations

306 Leadership in Cultural and Historical Context

358 Communicating and Leading

#### Management Systems (MSYS)

330 Organizational Behavior

#### Political Science (PLSC)

303 Metropolitan Problems and Politics

#### Rhetoric and Communication Studies (RHCS)

101 Rhetoric and Public Address

206 Group Communication

222 Business and Professional Speech

311 Advanced Rhetoric and Public Address

### Cultural Diversity

#### Education (EDUC)

322 Teaching Diverse Learners

#### Leadership (LDSP)

488 Community Problem Solving

#### Political Science (PLSC)

346 Politics of Cultural Pluralism

361 The Politics of Social Welfare

#### Psychology (PSYC)

299 ST: Human Diversity

#### Sociology (SOC)

303 Sociology of Families

310 Criminology

311 Juvenile Delinquency

315 Population and Society

316 Race and Ethnicity in America

318 Social Stratification

323 The Black Community in Urban America

325 Self and Society

328 Social Geontology

329 Education in Society

### Environment

#### Biology (BIOL)

371 Urban Ecology

#### Economics (ECON)

230 Environmental Economics

330 Environmental and Resource Economic Theory

#### Interdisciplinary Studies (COLQ)

334 Urban Revitalization and Preservation

#### Management Systems (MSYS)

348 Environmental Management

#### Political Science (PS)

362 Environmental Law Policy

#### Religion (RELG)

269 Ethics, Religion, and Environment

### Policy

#### Economics (ECON)

102 Principles of Macroeconomics

230 Environmental Economics

231 Law and Economics

232 Women and Gender Issues in Economics

#### Interdisciplinary Studies (IDST)

300 Technologies of Change: Information Resources, Policies, and Communities

#### Leadership (LDSP)

357 Analyzing and Making Policy

### Philosophy (PHIL)

398 Power and Politics

### Political Science (PLSC)

260 Introduction to Public Policy

322 Public Opinion and Public Policy

## Wellness Program (WELL)

*Carol Johnson, Director*

The Wellness Program (URWell) is a Student Affairs Campus Recreation Program. It is responsible for the URAWARE Plus2 (wellness requirement) for all students seeking bachelor's degrees (except the University Scholar's Program). It is a three-part requirement that includes 1) an alcohol education session, 2) a wellness topic of choice, and 3) a wellness topic of choice. Each part is graded with an S or U (Satisfactory/Unsatisfactory).

**Note:** Students completing the previous HSS 150 course will not have to complete the new wellness requirement. All students who entered after May 1996 and have not completed the previous HSS 150 course must complete the new wellness requirement for graduation.

### Wellness Courses (WELL)

**085 URAWARE: Alcohol Awareness Program.** An alcohol prevention/education program designed to assist students in making positive decisions regarding alcohol issues. Students must satisfactorily complete this component of the wellness requirement their first semester on campus. Each session is a four-hour special date offering that includes activities, discussion, and personal assessment. Students are required to purchase a study guide from the bookstore prior to their session. *0 sem. hr.* (WEL1)

(Beginning Summer 2000, the wellness requirement carries no credit, but to cover cost of instruction is billed at tuition rate equivalent to 1 hour of credit.)

**090 PLUS2: Wellness Topics.** The wellness topic component of the wellness requirement. Students will be offered a choice of health and wellness topics every semester. Sample topics include nutrition, sexual health, complementary medicine, and fitness. Students are required to satisfactorily complete two topics for graduation. Topic sessions run for six weeks, 90 minutes each week. Students are encouraged to complete this component of the wellness requirement before or during their junior year. *0 sem. hr.* (WEL2)

(Beginning Summer 2000, the wellness topics carry no credit, but to cover cost of instruction are billed at tuition rate equivalent to .5 hours of credit for each.)

## Women's Studies (WMST)

Katrina Perry, Coordinator (French)

The Women's Studies program offers students the opportunity to analyze the significance of gender and women's gendered experiences in a variety of contexts. An interdisciplinary program, Women's Studies is grounded in a) the analysis of gender as a social construct, b) the history of women's movements, and c) the theoretical and methodological frameworks of feminist analysis across the disciplines. Women's Studies incorporates both a body of information and a framework of analysis. It thus offers students a range of coursework covering the variety of competencies listed above, as well as the following: the content areas of women and gender in international context, women's history, and the skill areas of experiential learning, feminist research methodologies, and presentation skills.

**Note:** The grade point average of the coursework comprising the major or the minor must be no less than 2.00 with no course grade below C (2.0).

### The Women's Studies Major

Ten courses (32-36 semester hours) to be distributed as follows:

WMST/SOC 220 Introduction to Women's Studies/Sociology of Women	3 hours
WMST 221 Feminist Political Theories	4 hours
WMST 399 Topics in Advanced Feminist Theories	4 hours

Plus

One course (3-4 hours) from Women's History

- HIST 230 European Women and Gender before Suffrage
- HIST 285 Modern Africa
- HIST 304 Early American Women
- HIST 342 History of Marriage, Family, & Sexuality in Early Modern Europe

One course (3-4 hours) involving experiential learning

- WMST 388 Internship
- Service learning in Women's Studies

One course (3-4 hours) from cross-listed courses focusing on women/gender in international contexts.

Four courses (11-15 hours) of additional cross-listed courses (electives).

Five of the courses for the major must be above the 200-level and no more than four hours of internship credit may be counted toward the major.

### The Women's Studies Minor

Five courses (16-20 hours) to be distributed as follows:

WMST/SOC 220 Introduction to Women's Studies/Sociology of Women	3 hours
WMST 221 Feminist Political Theories	4 hours

Plus

One course (3-4 hours) from Women's History

- HIST 230 European Women and Gender before Suffrage
- HIST 285 Modern Africa
- HIST 304 Early American Women
- HIST 342 History of Marriage, Family, & Sexuality in Early Modern Europe

Two additional courses (6-10 hours) from two different departments, including no more than three-four hours of internship credit.

### Women's Studies Courses (WMST)

**201 Will Colloquium.** Introductory course for the WILL program. *Prerequisite:* WILL Program participant. *1 sem. br.*

**220 Introduction to Women's Studies: The Sociology of Women.** Examines personal and social development of women in American society. Conditions and events that shape women's lives and consciousness: gender socialization, education, work, marriage, motherhood, sexuality, violence against women, new opportunities for growth and change. Includes women's similarities and diversities across race, social class, and age. (Same as Sociology 220.) *3 sem. hrs. (FSSA)*

**221 Feminist Political Theories.** (See Philosophy 221.) *3 sem. hrs.*

**301 WILL Senior Seminar:** Capstone Course for the WILL program. *Prerequisite:* WILL Program participant. *2 sem. hrs.*

**302 Women and the Law.** Traditional and contemporary relationship of women to the law. Includes study of legal history and of factors bearing on women's legal status. *3 sem. hrs.*

**303 Women in Television: Representations, Images, and Stereotypes.** Examination of female roles in television drama, comedy, and advertising. Content analysis of selected programs and ads reflecting television history to reveal patterns of representation of women against a background of social attitudes and political actions. *3 sem. hrs.*

**379 Selected Topics.** Varying issues of current relevance and importance to Women's Studies. May be repeated for credit if topics differ. *1-3 sem. hrs.*

**388 Individual Internship.** *Prerequisite:* Permission of department. *1-6 sem. hrs.*

**398 Independent Study.** Pass/fail grading may be designated by department for certain enrollments. *Prerequisite:* Permission of department. *1-3 sem. hrs.*

**399 Topics in Advanced Feminist Theory.** Selected topics in Advanced Feminist Theory. Topics vary by semester and will focus on specific applications of feminist theories in a variety of disciplines. Topics may include Feminist Literary and Film Theory, Feminist Materialist/Economic Theories, and Feminist Social Theories. *3-4 sem. hrs.*

See the departmental listings for descriptions of the following courses offered for Women's Studies credit. Courses marked with an asterisk (\*) *may or may not* carry Women's Studies credit in any given semester. Check with the instructor and the Women's Studies Coordinator before enrolling in any course on this list. A comprehensive listing of courses is published each semester and should be taken as the final arbiter for Women's Studies credit.

#### Anthropology (ANTH)

300 Gender in Cross-Cultural Perspective

#### Biology (BIOL)

370 Women in Science

#### Classical Studies (CLSC)

304 The Feminine in Greco-Roman Literature

308 Women in Greece and Rome

#### Economics (ECON)

232 Women and Gender Issues in Economics

#### English (ENGL)

203 Children's Literature

\*224 Great Novels: Deceit, Desire, and the Novel

225 Selected Fiction by Women

226 Love and War in Medieval Literature

230 Women in Modern Literature

335 Black Women Writers

358 African-American Women Writers

389 Women and Creativity

#### French (FREN)

451 From Romanticism to Decadence: Desire and Representation in the Nineteenth-Century French Novel

\*497 ST: French Women Writers

#### German (GERM)

471 Gender and Performance in Twentieth-Century Literature and Film

472 Multiculturalism, Identity and Authorship in German Context (WMST 379/GERM 472 when taught in English)

#### History (HIST)

230 European Women and Gender before Suffrage

285 Modern Africa

304 Early American Women

342 History of Marriage, Family, and Sexuality in Early Modern Europe

387 Women and Gender in African History

#### Leadership (LDSP)

\*205 Service to Society

\*307 Leadership in International Contexts

\*390 Selected Topics

#### Philosophy (PHIL)

221 Feminist Political Theories (same as Women's Studies 221)

358 Topics in Feminist Philosophy

#### Psychology (PSYC)

299 Diversity

\*449 Advanced Seminar: Psychology of Gender

#### Religion (RELG)

253 Body/Sex in World Religious Literature

360 Goddess Traditions Ancient and Modern

\*394 ST: Women, Gender, Sexuality and World Religions

#### Russian (RUSN)

\*312 Russian Civilization and Culture

#### Sociology (SOC)

220 Introduction to Women's Studies: The Sociology of Women (same as Women's Studies 220)

303 Sociology of Families

319 Sociology of Sex and Gender

#### Spanish (SPAN)

475 Women and Writing in Latin America

#### Theatre (THTR)

370 Women and Theatre

## Interdisciplinary Concentrations Within Disciplinary Majors or Minors

### Interdisciplinary Concentration in Arts Management

The Interdisciplinary Concentration in Arts Management is 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.

#### General Requirements:

Major or minor in Studio Art, Art History, Music, Theatre, or Dance.

#### Course Requirements:

ART 322 Seminar in Museum Studies

OR

MUS/THTR 310 Managing Performing Arts Organization

MUS/THTR/ART 345 Philanthropy in the Arts

MUS/THTR/ART 388 Internship

Plus one three-credit course in each of the following domains:

Basic Accounting

Basic Marketing

Courses in accounting and marketing may be taken in the School of Business, the School of Continuing Studies, or by transfer in consultation with one of the concentration's coordinators. A concentration coordinator should be consulted for approval of the internship as appropriate for the concentration.

The arts management coordinators may be consulted for additional recommended courses in areas of arts, business, or leadership that support the student's particular area of interest. An arts course in an area other than a student's major or minor is encouraged, and may include applied music study or music ensembles.

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

The Interdisciplinary Concentration in Arts Technology, approachable by Studio Art, Music and Theatre Majors, provides curricular links for students interested in further performance and academic experiences in the area of arts technology.

Students take courses from the department in which they have declared their major, plus a combination of three courses from the non-major departments. In addition, students are required to complete a Senior Paper or Senior Project to be taken as an Independent Study in their major department. Each participating department designates at least one faculty member to coordinate the curriculum with individual students.

#### Designated Courses for Theatre Majors

In addition to requirements for the Major, you must take one of the following courses:

THTR 202 Lighting Design

You must choose three of the following from the Department of Art and Art History or the Department of Music:

ARTS 102 Foundation Design, 3

ARTS 234 Advanced Design, 3

ARTS 223 Digital Artmaking, 3

MUS 109 Elementary Musicianship, 3

MUS 213 Computer Music, 3

MUS 313 Advanced Computer Music, 3

Except for ARTS 234, normal prerequisites may be modified or waived by consent of instructor.

#### Designated Courses for Studio Art Majors

In addition to requirements for the Major, you must complete one of the following courses:

ARTS 234 Advanced Design, 3 OR

ARTS 223 Digital Artmaking, 3

You must choose three of the following from the Department of Music or the Department of Theatre and Dance:

MUS 109 Elementary Musicianship, 3

MUS 213 Computer Music, 3

MUS 313 Advanced Computer Music, 3

THTR 202 Lighting Design, 3

Except for ARTS 234, normal prerequisites may be modified or waived by consent of instructor.

### Designated Courses for Music Majors

In addition to requirements for the Major, you must complete the following:

*Required courses:*

MUS 213 Computer Music, 3

MUS 313 Advanced Computer Music, 3

You must choose three of the following from the Department of Art and Art History or the Department of Theatre and Dance:

THTR 202 Lighting Design, 3

ARTS 102 Foundation Design, 3

ARTS 234 Advanced Design, 3

ARTS 223 Digital Artmaking, 3

Except for ARTS 234, normal prerequisites may be modified or waived by consent of instructor.

#### Additional Recommended Courses:

CMSC 221-222 Fundamentals of Computing I-II, 3-3

CMSC 301-302 Computer Systems and Architecture I-II, 3-3

CMSC 335 Computer Graphics, 3

MATH 245 Linear Algebra, 3

PHYS 101-102 General Physics, 4-4, OR

PHYS 131-132 General Physics with Calculus, 4-4

PHYS 216-217 Electronics, 4-4

### 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. As such, students of Comparative Literature achieve a greater awareness of certain boundaries involved in the traditional study of literature—national, linguistic, generic, disciplinary, etc.—and of the issues and advantages involved in crossing those boundaries. In this concentration, students willing to acquire additional linguistic and disciplinary skills will develop the habits and tools necessary to address problems or topics of interest from a number of literary and disciplinary perspectives.

Majors who complete all the requirements for this course of study will be granted a B.A. in English with an Interdisciplinary Concentration in Comparative Literature.

*Concentration Requirements:*

- A. English 391/IDST 391: Methods and Themes in Comparative Literature
- B. Three upper-level literature courses from either the Modern Languages and Literatures or Classical Studies Departments, in the original language.
- C. Two courses in fields outside of literature. (Students will choose from ancillary fields like philosophy, art history, religious studies, etc., in support of their research concentration, and subject to approval of concentration coordinator.)
- D. A four-credit independent study culminating in a substantial research project. Honors students can use this research project as their Honors Thesis.

### Interdisciplinary Concentration in Dramatic Studies for English or Theatre Majors

The Interdisciplinary Concentration in Dramatic Studies, approachable by English and by Theatre majors, structures the curriculum bridging the fields. Drama is both text and performance; both conceptions are valuable to the dramatist or to the student of drama. English classes analyze the structure and linguistic achievement of playscripts, surveying the canon of great and important plays through the centuries. Theatre classes emphasize the production principles and techniques required to transfer the playwright's conception from the page onto the stage. Majors who complete all requirements for this course of study will be granted a B.A. in English with an Interdisciplinary Concentration in Dramatic Studies or a B.A. in Theatre with an Interdisciplinary Concentration in Dramatic Studies.

*Concentration Requirements:*

- A. Four courses chosen from designated courses to include one course from the student's major department and three from the student's non-major department (normal prerequisites can be modified with the consent of the instructor). Students will choose from among the following:

#### **English (ENGL)**

304 Shakespeare

305 Critical Approaches to Shakespeare

365 Modern Drama (taught at least every two years)

366 Contemporary Drama (taught at least every two years)

- 388 Creative Writing: Poetry and Drama (taught every year)  
 399 Selected Topics, as appropriate  
 400 Junior/Senior Seminar (depending on topic)

**Theatre (THTR)**

- 212 Basics of Acting (taught every semester)  
 308 Basics of Directing  
 309 Theatre History (taught on a two-year rotation)  
 312 Special Topics, as appropriate (including Modern Theatre History and History of the Musical)  
 325 Script Analysis (taught on a two-year rotation)

- B.** A final senior-level paper or project, taken as Independent Study (ENGL 374/THTR 315) within the major department, combining theoretical and practical approaches to an appropriately focused dramatic experience. Knowledge of theatrical tradition would be brought to bear on a contemporary challenge in playwriting, staging, acting, or criticism.

**Note:** Theatre majors must declare this concentration by March 15 of their third year to accommodate scheduling of production assignments.

### Interdisciplinary Concentration in Medieval and Renaissance Studies for English Majors

This concentration was created for English majors interested in deepening their knowledge of the cultures of the Middle Ages and Renaissance through interdisciplinary study. It thus requires that in addition to taking upper level courses in Medieval and Renaissance English literature, majors also explore these periods from the perspective of other academic disciplines including, but not limited to, the history of art and architecture, foreign literatures, philosophy, religious studies, and history. It is hoped that the breadth of knowledge and intellectual flexibility that interdisciplinary study fosters will enable students in this Concentration to undertake more complex kinds of research projects and achieve more sophisticated levels of critical thinking and writing than might otherwise have been possible. Majors who complete all requirements for this course of study will be granted a B.A. in English with an Interdisciplinary Concentration in Medieval and Renaissance Studies.

**Concentration Requirements:**

- A.** English 390/ID 390: Interdisciplinary Studies in the Middle Ages and Renaissance
- B.** Two courses:  
 One 300- or 400-level course in Medieval literature  
 One 300- or 400-level course in Renaissance literature  
 Students will choose from among the following:
- English (ENGL)**  
 303 Chaucer  
 304 Shakespeare  
 305 Critical Approaches to Shakespeare  
 306 Milton  
 400 Junior/Senior Seminar (depending on topic)  
 506 Graduate Seminar in Shakespeare (with instructor permission)  
 511 Graduate Seminar in Medieval Literature (with instructor permission)  
 512 Graduate Seminar in Renaissance Literature (with instructor permission)
- C.** Three courses from at least two different departments outside the English department. Students will choose from among the following:

**Art (ART)**

- 314 Northern Renaissance Art  
 315 Art of the Renaissance  
 316 Mannerism and Baroque Art

**French (FREN)**

- 411 The French Middle Ages: Alterity and Modernity  
 421 Renaissance

**History (HIST)**

- 241 Survey History of England to 1688  
 332 Medieval Italy  
 334 High Middle Ages  
 335 Renaissance  
 337 Tudor England, 1485-1603  
 338 Stuart England, 1603-1714

**Religion (RELG)**

- 258 Medieval Religious Thought

**Spanish (SPAN)**

- 321 Literary Spain: Poetry, Drama, Fiction  
 421 Arabs, Jews, and Christians from Frontier to Empire: Medieval Spanish Literature  
 432 True Lies: Fiction and Truth in *Don Quixote*

Special courses in Medieval and Renaissance topics which are offered only infrequently may be substituted with prior approval from the departmental coordinator of the Medieval and Renaissance Studies Concentration.

- D.** A final critical paper examining one or more works relevant to the major to be completed in the junior or senior year preferably as the final project in ENGL 390/IDST 390 or in another appropriate upper-division English course with prior approval from the Concentration Coordinators.

Students will also be encouraged to consider enrolling in any number of the following courses.

These courses will not, however, count toward the six courses in Medieval and Renaissance Studies required of English major Concentrators.

**Art (ART)**

- 121 Art History: Prehistory through the Middle Ages  
 122 Art History: Renaissance to the Present  
 301/CLSC 301 Greek Art and Archeology  
 302/CLSC 302 Roman Art and Archeology

**Classics (CLSC)**

- 306 The Classical Tradition

**English (ENGL)**

- 226 Love and War in Medieval Literature  
 234 Shakespeare  
 236 On the Road: Literature of Quest and Pilgrimage

**French (FREN)**

- 431 Le Siècle Classique

**Greek (GREK)**

- 301 Greek Epic  
 302 Greek Drama

**History (HIST)**

- 201 Ideas and Institutions of Western Civilization  
 331 The Roman Empire

**Philosophy (PHIL)**

- 281 Philosophy of Art  
 362 Philosophy of Religion

**Religion (RELG)**

- 241 Introduction to Early Christian Era  
 243 The World of the New Testament  
 340 Varieties of Early Christianity  
 341 Paul and Christian Origins  
 342 John and Early Christian Literature

### Interdisciplinary Concentration in Neuroscience for Biology and Psychology Majors

Majors in Biology or Psychology with a special interest in Neurobiology or Behavioral Neuroscience may apply to pursue an Interdisciplinary Concentration in Neuroscience. Because of the scheduling demands of the concentration, students are strongly encouraged to apply during the fall semester of the sophomore year.

#### Designated Courses for Biology Majors

To complete the Neuroscience Concentration, a Biology major must complete:

- Biology 201, 202, 203, and 214  
 Chemistry 141 and 205-206  
 Mathematics 211-212  
 Psychology 200, 321, and 322

At least 16 hours selected from Biology 308, 311, 312, 338, 344 or Psychology 323, 324, 440, 442, 449 with at least three of these courses from Biology; and at least one additional neuroscience-related course in Psychology.

An approved research project in neuroscience (Biology 349-350) which culminates in a paper.

#### Designated Courses for Psychology Majors

To complete the Neuroscience Concentration, a Psychology major must complete:

- Psychology 100 or 101  
 Psychology 200  
 One Methods & Analyses course and corequisite in the 310-328 series  
 One Methods & Analyses course and corequisite in the 330-348 series  
 One approved course in the 433-449 series  
 Either Psychology 361, Psychology 461/462 or Psychology 491/492  
 Math 201 and 203  
 Biology 201-203  
 Any two of Biology 308, 311,312, 338, or 344  
 Chemistry 141, 205, 206

## ACADEMIC PROGRAMS

THE E. CLAIBORNE ROBINS  
SCHOOL OF BUSINESS**Mission—The Robins School of Business**

The Robins School of Business provides business and economics education at the highest standard. Our priorities are: first, excellence in teaching; second, noteworthy intellectual contributions; and third, service to the broader community.

The Robins School of Business offers the degree of Bachelor of Science in Business Administration (B.S.B.A.). Within this degree, there are three majors: Accounting, Business Administration, and Economics. The Business Administration major is further specialized into six concentrations: Accounting, Economics, Finance, International Business, Management Systems, and Marketing. A Business Administration major must choose to study at least one of the areas of concentration. In addition to satisfying the general degree requirements for graduation, candidates for a B.S.B.A. degree must complete the curricular requirements outlined in the sections which follow and maintain at least a 2.00 overall grade point average on School of Business coursework. Other degree requirements include: (1) completing an approved personal portfolio containing examples of student work; (2) completing two courses which emphasize speech and presentation skills; and (3) earning a minimum of 60 hours of academic credit outside the Robins School of Business.

**Portfolio/Personal Development Program**

Students seeking a degree from the Robins School will participate in the Personal Development Program. Through a process of inductive learning and educational planning, this program aims to strengthen the development of critical competencies in business school students. These competencies include: integrating basic technical knowledge, skills and abilities into all areas of business; creatively solving complex business problems; communicating in a highly effective manner; initiating, organizing, and leading change; and engaging in appropriate ethical and professional behaviors. Students will be required to attend programming and complete assignments associated with this program each semester. They will also create and maintain dynamic, interactive virtual portfolios of personal goals and achievements related to their continuous development in each of these competency areas.

**Bachelor of Science in Business Administration****I. General Education Requirements**

Courses used to satisfy the First-Year Core Course, the Communication Skills, and the Wellness requirements of the General Education Requirements may not be used to meet the fields-of-study requirements for the degree. The First-Year Core Course must be taken in the first year of matriculation. The Communication Skills requirements are normally met in the first year of university study, and should not be postponed beyond the second year.

**A. First-Year Core Course**

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

**B. Communication Skills I - English 103**

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

- (1) Passing English 101-102 (no longer offered at the University of Richmond), completing English 103 with a grade of C (2.0) or higher, or presenting a score of 5 or 4 on either Advanced Placement exam in English, or presenting a score of 5, 6, or 7 on the IB High Level English exam

- (2) Presenting a score on the SAT-II Subject Test - Writing/English Composition or the ACT acceptable to the Department of English  
*Only alternative (1) carries semester hours credit toward a degree.*

**C. Communication Skills II - Foreign Language**

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

- (1) Passing the intermediate (122 or 202) level of one language, presenting a score of 5 or 4 on a Modern Foreign Language or Latin Advanced Placement test, or presenting a score of 5, 6, or 7 on an IB High Level exam in a Modern Foreign Language
- (2) Presenting a score on the SAT-II Subject Test acceptable to the language faculty concerned, or a score of 3 on a Modern Foreign Language Advanced Placement test
- (3) Making an acceptable score on a departmental placement test
- (4) For non-native English speakers, obtaining an acceptable score on the TOEFL  
*Only alternative (1) carries semester hours credit toward a degree.*

**D. Fields of Study**

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

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

*Summary of General Education Requirements***First-Year**

Core Course, 6 credits

**Communication Skills**

Expository Writing, 3 credits  
Foreign Language, up to 16 credits<sup>a</sup>  
Oral Communication

**Fields of Study**

Historical Studies, 3 credits  
Literary Studies, 3 credits  
Natural Science, 4 credits  
Social Analysis, 3 credits (Economics 101 satisfies)  
Symbolic Reasoning, 3 credits (Math requirement satisfies)  
Visual and Performing Arts, 3 credits

**Total:** up to 44 credits

<sup>a</sup> Variable credits; may be satisfied by a demonstration of proficiency upon entrance to the University.

**II. Wellness Requirement**

A student may satisfy this degree requirement by satisfactorily completing Wellness 085, URAWARE: Alcohol Awareness Program, and two sections of Wellness 090, PLUS2: Wellness Topics. The URAWARE requirement is normally met in the first year of university study.

**III. Pre-Business Courses**

The following courses are required of all students:

**Accounting (ACCT)**

201 Fundamentals of Financial Accounting  
202 Fundamentals of Managerial Accounting

**Economics (ECON)**

101 Principles of Microeconomics  
102 Principles of Macroeconomics

**Business Administration (BUAD)**

201 Business Statistics I  
203 Software Tools and Applications

**Mathematics (MATH)**

211 Calculus I

**Personal Development Program (PDP)**

301 Personal Development I

**IV. Core Courses**

The following courses are required of all students except as noted.

**Marketing (MKT)**

320 Marketing Management

**Management Systems (MSYS)**

330 Organizational Behavior  
340 Operations Management

**Finance (FIN)**

360 Principles of Financial Management

**Business Administration (BUAD)**

301 Business Statistics II (must be completed by the end of the junior year)

391 Essentials of Information Technology (not required of accounting majors)

392 Ethical, Social and Legal Responsibilities of Business

497 Strategic Management

**Personal Development Program (PDP)**

302 Personal Development II

401 Personal Development III

402 Personal Development IV

**V. Major Fields**

A student must complete a major field in addition to the core courses.

**The Accounting Major (four-year program)**

*Required Accounting courses:*

The major in accounting requires the following 18 hours of accounting courses:

301-302 Intermediate Financial Accounting I, II

305 Cost and Managerial Accounting

307 Accounting Information Systems

312 Tax Accounting

317 Auditing

319 Financial Accounting Theory and Issues

Students must also take three additional hours of Economics (Economics 270 cannot be taken for this elective credit).

*Other Requirement: Students must earn a minimum of 90 hours of academic credit outside of the accounting discipline. Students must earn a minimum of 60 hours of academic credit outside the School of Business. Students must obtain a grade point average of no less than 2.0 in the accounting coursework comprising the major.*

Substitutions in the accounting major are permitted if approved by the chair of the Department of Accounting.

**The Professional Accounting Major (150-credit hour program)**

*Required Accounting courses:*

The major in professional accounting requires the following 18 hours of accounting courses to be taken prior to a student's final year:

301-302 Intermediate Financial Accounting I, II

305 Cost and Managerial Accounting

307 Accounting Information Systems

312 Tax Accounting

317 Auditing

The following nine hours of accounting courses must be taken in a student's final year:

319 Financial Accounting Theory and Issues

Six additional hours of accounting courses (if a student participates in the International Experience described below. Accounting 315, International Accounting Issues, must be taken as part of this six-hour requirement).

*Experience:* A student must complete one of the following two experiences, normally in the second semester of the student's fourth year of study:

*Internship:* An approved work experience with an accounting firm, business organization, or other entity for a minimum of 15 weeks. An approved academic component must be included. The internship will carry three hours of academic credit.

*International Program:* The international experience will be an educational opportunity at an approved foreign university where the student will be expected to earn at least 12 hours of academic credit.

*Other Requirement:* Students must earn either a major or minor in an area of study outside the Robins School of Business. Students must earn a minimum of 150 hours of academic credit, 90 of these hours must be earned outside of the accounting discipline, and a minimum of 75 hours of academic credit outside the School of Business. Students must obtain a grade point average of no less than 2.0 in the accounting coursework comprising the major.

Substitutions in the accounting major are permitted if approved by the chair of the Department of Accounting.

*Graduate Work:* For those students seeking a traditional masters degree, the Accounting Department has created special relationships with the University of Virginia and with The College of William and Mary that allow our students to receive expedited admission provided the students meet special admission standards mutually established by the participating universities. Students who maintain an overall GPA of 3.20, who complete prerequi-

site coursework with a "B" or better, and who achieve the required GMAT score will be offered admission by the participating graduate program.

**The Business Administration Major**

*Concentration area:*

Twelve hours minimum chosen from a single Business School department. A maximum of 18 hours can be taken in any area of concentration. No more than six hours of the concentration may be required by a department. While some concentrations offer Curriculum tracks, it is not necessary to follow a track.

Electives: Sufficient hours to complete degree requirements over and above other major requirements. *Of these, three hours must be in Economics and three hours in leadership studies or liberal arts.* Economics 105 cannot be taken for elective credit. The Economics concentration does not require the additional three hours of Economics beyond other degree requirements that is required in other concentrations.

Business Administration majors must choose a concentration from the following areas: Accounting, Economics, Finance, International Business, Marketing, or Management Systems.

**Economics Major**

Students who complete all of the requirements for the degree of Bachelor of Science in Business Administration can major in economics.

Required courses for the major include: Economics 101, 102, 271, 272, and BUAD/ECON 301; four economics electives (at least two of which must be at the 300 level); and ECON 380, Senior Capstone Experience.

**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.

Majors are strongly encouraged to take Economics 101 and 102 during their first year, and Economics 271 and 272 during their second year.

Students may plan their course load to pursue a general degree in Economics or to study a specific area in Economics. Voluntary elective fields have been developed in the areas of Business Economics, International Economics, Economic History, Public Policy and Quantitative Economics. Students are encouraged to speak with their academic advisor about the options available to them. Students interested in pursuing a

graduate degree in Economics are encouraged to take Math 235, Multivariate Calculus; Math 240, Differential Equations; and Math 245, Linear Algebra.

**Accounting Concentration**

The accounting concentration is available only to students enrolled full-time in the Robins School with another concentration in Economics, Finance, International Business, Management Systems, or Marketing.

**Notes:** ACCT 301 is required in the concentration. ACCT 307 cannot be used for the concentration. Some of the accounting courses are not offered every semester or every year. Also many of the upper level accounting courses have prerequisites, so be sure to take that into account when planning your curriculum.

This concentration consists of a minimum of 12 credit hours and a maximum of 18 credit hours chosen from:

ACCT 301 Intermediate Financial Accounting I

ACCT 302 Intermediate Financial Accounting II

ACCT 305 Cost and Managerial Accounting

ACCT 311 Advanced Financial Accounting

ACCT 312 Federal Taxation

ACCT 313 Advanced Federal Taxation

ACCT 315 International Accounting Issues

ACCT 316 Advanced Managerial Accounting

ACCT 317 Auditing

ACCT 318 Advanced Auditing

ACCT 319 Financial Accounting Theory and Issues

**Finance Concentration Program Tracks (suggested courses and sequences)**

*Requirements:*

FIN 360 Principles of Financial Management

**(1) CFA Track (Emphasis on Investments and Securities)**

FIN 366 Investments

FIN 462 International Financial Management

FIN 467 Portfolio Management and Analysis

FIN 468 Student Managed Investment Fund (Senior Year)

*Suggested Supporting Courses:*

ACCT 320 Financial Statement Analysis

ECON 200 The Economics of Money, Banking, and Financial Markets

**(2) Corporate Finance Track (Emphasis on Cash Management/Corporate Finance)**

FIN 366 Investments (Fall or Spring semester)  
 FIN 461 Advanced Financial Management  
 FIN 462 International Financial Management  
 FIN 464 Essentials of Cash Management  
 (Senior Year)

*Suggested Supporting Courses:*

ACCT 301-302 Intermediate Financial  
 Accounting I-II  
 ACCT 320 Financial Statement Analysis  
 ECON 200 The Economics of Money, Banking  
 and Financial Markets

NOTES:

- 1) Program tracks do not affect the finance concentration requirements of the BSBA degree.
- 2) IB students taking Finance 462 need nine additional hours in finance courses.

### Marketing Concentration Program Tracks (suggested courses and sequences)

*Requirements:*

MKT 320 Marketing Management (a prerequisite to all other marketing courses)  
 MKT 326 Marketing Research and Analysis (required of all marketing students; should be taken spring semester of third year)

**(1) Product Management Track**

MKT 322 Product Management  
 MKT 327 Consumer Behavior  
 MKT 427 Marketing Case Analysis

*Recommended Elective Courses in Marketing:*

MKT 324 Sales Management  
 MKT 325 International Marketing (for students interested in an international product management career)

*Other Recommended Electives:*

PSYC 101 Introduction to Psychological Science  
 LDSP 201 Foundations of Leadership Studies

**(2) Communication Track**

MKT 324 Sales Management  
 MKT 327 Consumer Behavior  
 MKT 421 Integrated Marketing Communication  
*Other Recommended Electives:*  
 PSYC 101 Introduction to Psychological Science  
 JOUR 200 News Media and Society  
 RHCS 105 Interpersonal Communication  
 RHCS 305 Communication Theory

NOTES: Program tracks will fulfill the marketing concentration requirements for the B.S.B.A. degree. However, it is not necessary to follow a specific track in marketing to fulfill these requirements.

### International Business Programs

International programs in the Robins School consist of the International Business Concentration, and French Major/International Business Option, and Study Abroad.

#### The International Business Concentration

International business issues are covered throughout the Robins School curriculum. However, some students wish to study international business in greater depth. For these students, the International Business concentration is offered. Students concentrating in international business must complete the standard set of courses required of all Robins School students. These courses provide the foundation upon which the business program is built.

All students concentrating in International Business, with exception of those who also are completing a full major in Arts and Sciences or in Leadership Studies, must have a major or co-concentration in one of the following areas: Accounting, Economics, Finance, Marketing, or Management.

In addition, students with an International Business concentration must satisfy international knowledge and international experience requirements. A grade of C or better must be earned in each course used to meet international knowledge requirements.

*International Knowledge Requirements:*

These requirements consist of international business knowledge and international cultural and social knowledge.

**1. International Business Knowledge:**

This requirement is met by completing 15 semester hours as follows:

- A. Two courses: IBUS 381 International Business Environment and IBUS 411 International Business Strategy;
- B. One course from: ACCT 315 International Accounting Issues or FIN 462 International Financial Management;
- C. One course from: MKT 325 International Marketing, MSYS 333 International Management, or IBUS 390 International Business Issues;
- D. One international economics course such as: ECON 210 Comparative Economic Systems, ECON 211 Economic Development in Asia, Africa, and Latin America, or ECON 310 International Trade and Finance.

**Notes:** One course in international business knowledge item 1B or one course in international business item 1C can apply to the second concentration. Item 1D satisfies the economics elective requirement that all business students must complete.

**2. International Cultural and Social Knowledge:**

This requirement is met by completing six semester hours as follows:

- A. One course with an international focus from art history, philosophy, foreign literature classics, music or religion;
- B. One course with an international focus from anthropology, geography, history, international studies, political science, or sociology.

**Note:** International focused courses taken to meet the University's General Education fields-of-study requirements can be used to satisfy the international cultural and social knowledge requirements.

*International Experience Requirements*

The international experience requirements consist of cultural experiences and a work experience.

**1. International Cultural Experience**

Students concentrating in international business must complete two of three international cultural experiences:

- A. Successfully complete an approved university – level program of study in a foreign country.
- B. Demonstrate proficiency in a foreign language. This may be done by earning a grade of C or better in a Commercial language course (e.g., FREN 306 Commercial French, SPAN 306 Commercial Spanish) or in a 300 level Conversation course (e.g., ITAL 301 Italian Conversation, RUSN 301 Russian Conversation), or by earning a satisfactory score on an appropriate language proficiency examination.
- C. Live in a foreign country for at least 12 continuous weeks other than study abroad experience.

**2. International Work Experience**

An international work experience is required for the International Business concentration. This requirement may be met by completing an approved internship in the U.S. in an organization's international section, or by working in an organization located outside the U.S.

**Notes:** Subject to prior approval of the Director of International Business Programs, working abroad, may satisfy both experience requirement 2 and experience requirement 1C.

### The French Major/International Business Option

The French Major/International Business Option is offered in conjunction with the Department of Modern Languages and Literatures. The program is designed for students who double major in French and Business (with an International Business concentration).

The program consists of a rigorously structured curriculum that includes a semester abroad at one of the University's partner institutions with an all – business curriculum (for example Université Paris IX Dauphine, Institut de Formation Internationale-Groupe ESC Rouen, or EPSCI Groupe ESSEC-Cergy-Pontoise). Here students will continue their Robins School concentrations (in International Business and Finance, Marketing, etc.) in an all-French environment with French and other international students.

In order to prepare for the immersion experience, students will have a solid base at the 300 level on campus; upon their return they will broaden their knowledge of French literature and culture through advanced seminars and they will continue the Robins School coursework. The French component of the program thus consists of five courses taken on campus, plus 4-5 taken abroad, or the equivalent of a 9 course major in French. French/International Business Option students will also complete the Senior Portfolio Project.

- Three 300 – level courses (at least one FSLT)
- One semester full-time study at an approved business school (with all-French curriculum) in a French-speaking country.
- Two 400-level courses numbered 411 or higher
- Senior Portfolio Project (non-credit)

### Study Abroad

All Robins School 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 pre-approved 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 pre-approved 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 Director of International Business Programs may grant exemptions to this policy in extreme circumstances and/or for students studying abroad for an entire academic year.

## The Business Administration Minor

### Requirements:

Completion of Economics 101-102 and 21 semester hours in business school coursework, including:

ACCT 201 Fundamentals of Financial Accounting

ACCT 202 Fundamentals of Managerial Accounting

BUAD 201 Business Statistics

MKT 320 Marketing Management

MSYS 330 Organizational Behavior

MSYS 340 Operations Management

FIN 360 Principles of Financial Management

The Business Minor student should complete the Accounting 201-202 and Economics 101-102 requirements prior to enrolling in any other business administration course.

Where the course numbers for a two-semester course are separated by a hyphen, generally, either half of the course may be taken independently for credit and in any order unless a prerequisite is stated.

**General Prerequisites:** Except by permission of the Dean, Accounting 201-202, Economics 101-102 and Business Administration 201 and 203 are prerequisites to all other courses in the School of Business. The business minor program requires a student to complete Accounting 201-202 and Economics 101-102 prior to taking any other business class.

Accounting 202 is not a prerequisite for Business Administration 301. Accounting 202 may be taken simultaneously with Marketing 320, Management Systems 330 and 340, Finance 360, Business Administration 391 and 392.

## CURRICULA

### Accounting (ACCT)

*Raymond Slaughter, Chair*

*Professor Geiger,*

*Associate Professors Clikeman, Hoyle, Lawrence, Sanborn, Slaughter, Walden*

#### Mission—Accounting Department

The mission of the Accounting Department of the Robins School of Business is to achieve and maintain a reputation for excellence in accounting education at the undergraduate level by combining superior instruction with relevant supporting intellectual inquiry and supportive practical experience, and to provide appropriate graduate experiences to enhance the goal of liberally educated professionals.

### Accounting Courses (ACCT)

**201 Fundamentals of Financial Accounting.** Basic theory, concepts, and procedures necessary to develop and interpret financial (external) accounting data. *3 sem. hrs.*

**202 Fundamentals of Managerial Accounting.** Basic theory, concepts, and procedures necessary to develop and interpret managerial (internal) accounting data. *Prerequisite:* Accounting 201. *3 sem. hrs.*

**301-302 Intermediate Financial Accounting I, II.** Instruction on technical development on primary aspects of the income statement, balance sheet and statement of cash flows. Teaching methodologies include group work, class discussion, computer, and written assignments, problem-solving exercises and a community volunteer project as well as traditional lectures. *Prerequisite:* Accounting 301 is prerequisite to 302. *3-3 sem. hrs.*

**305 Cost and Managerial Accounting.** Study of effective product and service costing and use of accounting information for effective planning and control decisions, with emphasis on world-class organizations. *3 sem. hrs.*

**307 Accounting Information Systems.** Introduction to information systems with specific emphasis on accounting, users, business processes, and risk considerations. *3 sem. hrs.*

**311 Advanced Financial Accounting.** Specialized problem solving in accounting for partnerships, business combinations and consolidations, and not-for-profit units. *Prerequisite:* Accounting 302. *3 sem. hrs.*

**312 Federal Taxation.** Introduction to U.S. Federal taxation of business enterprises in the United States. Subjects covered include a determination of taxable income, exclusions, deductions, and credits. Will include a brief overview of individual taxation. *3 sem. hrs.*

**313 Advanced Federal Taxation.** Expanded study of federal tax laws affecting the various corporate entities, partnerships, estates, and trusts. Will also cover additional topics involving individual taxation. *Prerequisite:* Accounting 305 and 312. *3 sem. hrs.*

**315 International Accounting Issues.** Survey of comparative accounting principles with major trading partners, problems in international performance evaluation, transfer pricing, and tax minimization issues for multinational corporations. Stresses decision making for multinational companies through the case approach. *Prerequisite:* Accounting 202. *3 sem. hrs.*

**317 Auditing.** Professional standards for evaluating and reporting on financial statements, and the ethical, legal, and competitive environment of auditing. *Prerequisite:* Accounting 302. *3 sem. hrs.*

**318 Advanced Auditing.** Specialized audit topics including operational and compliance audits, attestation engagements, statistical sampling, use of generalized audit software, audits of computer systems, and workpaper preparation. *Prerequisite:* Accounting 317. *3 sem. hrs.*

**319 Financial Accounting Theory and Issues.** Contemporary accounting theory, issues, and developments within the profession including international and ethical dimensions of accounting. Teaching methodologies include group work, class presentations and discussion, and written assignments, as well as traditional lectures. *Prerequisite:* Accounting 302. *3 sem. hrs.*

**320 Selected Topics.** Examination of major accounting or auditing area not covered in other courses. Uses case/seminar approach. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

**329 Survey of Accounting Theory.** Studies development of underlying concepts throughout the accounting discipline. Analyzes current evolution of accounting thought in theory and practice. *Prerequisites:* Accounting 302 and 305. *3 sem. hrs.*

### Economics (ECON)

*Robert M. Schmidt, Chair*

*Professors Dolan, Raines, Schmidt*

*Associate Professors Cook, Craft, Dean, McGoldrick,*

*Nicholson, Wight, Yates*

*Assistant Professor Monk*

### Economics Courses (ECON)

**101 Principles of Microeconomics.** Provides students with the analytical perspective to think critically about market system and social objectives it may serve. Topics include supply and demand, market structure, production, market failure (e.g., pollution), and benefits and costs of government intervention. *3 sem. hrs. (FSSA)*

**102 Principles of Macroeconomics.** The study of national income determination within a global economy. Topics include inflation, unemployment, GDP determination, money supply, balance of payments, currency markets, and role of fiscal and monetary policies. *Prerequisite:* Economics 101 or permission of department chair. *3 sem. hrs.*

**105 Introduction to Global Economics.** Survey of international economic issues for nonmajors. The U.S.'s role in the global economy is covered analytically, historically, and institutionally, with special attention given to balance of payments analysis, exchange rate determination, gains from trade, trade policy, the IMF, GATT, and other topics. **Note:** This course has no prerequisites and fulfills no prerequisites for other economics or business courses. *3 sem. hrs.*

*Economics 101 and 102 are prerequisite to the following economics courses.*

### 200-209 Business Economics (ECON)

**200 The Economics of Money, Banking, and Financial Markets.** Role and functions of money; operation of financial institutions; structure and influence of Federal Reserve System; effects of money and credit on economic activity. *3 sem. hrs.*

**201 Managerial Economics.** Fundamental, theoretical, analytical tools of economics as applied to decision making; illustrations from empirical studies and cases. **Note:** This course is not recommended for students who are majoring in economics. *3 sem. hrs.*

### 210-219 International Economics (ECON)

**210 Comparative Economic Systems.** Comparative analysis of economic systems operating in world's major industrial nations. Economic institutions, banking system, labor-management relations, and public finance examined in U.S., Western Europe, Japan, and CIS (former Soviet Union). *3 sem. hrs.*

**211 Economic Development in Asia, Africa, and Latin America.** Comparative analysis of economic growth, income and wealth distribution, trade and finance, population, agriculture, and industrialization in Latin America, Africa, and Asia. *3 sem. hrs.*

### 220-229 Economic History (ECON)

**220 History of Economic Thought.** Survey of development of economic analysis with emphasis on contributions from Adam Smith through J.M. Keynes. *3 sem. hrs.*

**221 American Economic History.** Applies basic economic theory and methods to study of American history. Topics include: Native American development up to the arrival of Europeans, indentured servitude, the American Revolution, 19th-century banking, transportation revolutions, slavery, the Civil War, the Populist Movement, the Great Depression, and the Civil Rights Movement. *3 sem. hrs.*

### 230-239 Public Policy (ECON)

**230 Environmental Economics.** Development and application of economic principles to understand and evaluate causes and solutions to environmental problems such as pollution and conservation. Topics include economics of biodiversity protection, global warming, natural resource damage assessment, measurement of environmental values, and alternative strategies for pollution control. Special attention given to optimal use of exhaustible and renewable natural resources. *Prerequisite:* Economics 101. *3 sem. hrs.*

**231 Law and Economics.** Application of economic analysis to legal concepts. Using goals of efficiency and wealth maximization, shows how economic theory can unify property law, contract law, tort law, criminal law, and family/sex law, as well as offer new insights to old problems. *3 sem. hrs.*

**232 Women and Gender Issues in Economics.** Designed to point out differences in economic circumstances of men and women. Topic discussions include educational attainment, labor market participation decisions, joblessness, poverty, and associated policy. Different theoretical explanations (neoclassical, Marxist, institutionalist, and feminist) are covered and students evaluate rationale for each theory. *3 sem. hrs.*

**260 Selected Economic Topics.** Major areas in economics, application of economic principles, and analysis of policy issues. *1-3 sem. hrs.*

**269 Independent Study.** Specialized study or directed research in an area of Economics. *Prerequisites:* A written outline worthy of academic credit and permission of departmental chair. *1-3 sem. hrs.*

### Intermediate Core (ECON)

**271 Microeconomic Theory.** Theory of price determination in both output and input markets; in-depth analysis of behavior of individual consumers, firms, and industries under various market structures; theories of exchange and distribution. A basic foundation in calculus (e.g. Math 211) is assumed. *3 sem. hrs.*

**272 Macroeconomic Theory.** Theory of national income determination; short/medium-run monetary and fiscal policy issues are examined using Keynesian and New Classical models; long-run analysis focuses on recent extensions of the Neo-classical growth model. *3 sem. hrs.*

**301 Business Statistics II.** (See Business Administration 301.) *3 sem. hrs.*

### Advanced Electives (ECON)

The following 300-level courses require the prerequisites listed in the course description in addition to Economics 101 and 102.

### 300-309 Business Economics (ECON)

**300 Industrial Organization and Public Policy.** Designed to identify features of industries with various degrees of competition. Issues to be explored include: identifying dominant firm, tight or loose oligopoly, competitive and monopoly industries; product vs. geographic markets; technological innovations; collusion, product differentiation; mergers; advertising; efficiency; price discrimination; etc. In addition, antitrust policies will be reviewed as they pertain to these issues. **Note:** This course may also be applied to the Public Policy area. *Prerequisites:* Economics 271. *3 sem. hrs.*

### 310-319 International Economics (ECON)

**310 International Trade and Finance.** Introduction to basic argument for free trade with emphasis on general equilibrium analysis; survey of trade restrictions including theory of tariffs, quotas, subsidies and preferential trade agreements. International monetary theory; determination of exchange rates in spot and forward markets; extension of national income model to international markets. *3 sem. hrs.*

### 330-339 Public Policy (ECON)

Also see Economics 300, Industrial Organization and Public Policy in the Business Economics section.

**330 Environmental and Resource Economic Theory.** A rigorous treatment of environmental and resource issues, with particular emphasis on problem of designing appropriate institutions and regulations under uncertainty. Topics include emission fees and marketable permits; enforcement, risk regulation, the economics and regulation of the fishery, depletion of nonrenewable resources; and forest use. (Same as Environmental Studies 330.) *Prerequisite:* Economics 271. *3 sem. hrs.*

**331 Labor Economics.** Economic analysis of labor markets including labor supply, investment in human capital, labor demand, and wage determination. Policy issues include labor unions, discrimination, and analysis of government programs affecting labor markets. *Prerequisite:* Economics 271. *3 sem. hrs.*

**332 Public Economics.** Economic analysis of government spending and taxation with particular emphasis on current public policy issues (e.g., social security, health care, and fundamental income tax reform). *Prerequisite:* Economics 271. *3 sem. hrs.*

### 340-349 Quantitative Economics (ECON)

**340 Econometrics.** Theory, methodology, and application of econometric topics beyond the classical linear regression model. Topics include dummy and

limited dependent variables, time-series analysis, forecasting, and simultaneous equation systems. *Prerequisite:* Economics 301. *3 sem. hrs.*

**341 Mathematical Economics.** Examines various economic concepts by means of mathematical analysis. *Prerequisite:* Economics 271. *3 sem. hrs.*

### Additional 300-level Electives (ECON)

**360 Selected Economic Topics.** Major areas in economics, application of economic principles, and analysis of policy issues. *Prerequisite:* A core course to be announced. *1-3 sem. hrs.*

**369 Independent Study.** Specialized study or directed research in an area of Economics. *Prerequisite:* Economics 271 and/or 272, a written outline worthy of advanced credit and permission of departmental chair. *1-3 sem. hrs.*

### Capstone Experience (ECON)

**380 Senior Capstone Experience.** Students will be required to complete one or more of the following courses of study: a senior research thesis, a major seminar, a cumulative exam, a teaching practicum, an experiential learning project, or another experience approved by the Capstone Coordinator. **Note:** Participation in the Honors program fulfills the Capstone requirement. *Prerequisites:* Economics 271, 272, 301, and Senior standing. *3 sem. hrs.*

### Honors (ECON)

**390 Honors in Economics.** Honors seminar. *Prerequisite:* Departmental invitation. *3 sem. hrs.*

**391 Honors in Economics.** Capstone independent research project and Honors paper. **Note:** Participation in the Honors program fulfills the capstone requirement. *Prerequisite:* Departmental invitation. *3-3 sem. hrs.*

## Finance (FIN)

*M. Carol Lancaster, Chair*

*Professor Stevens*

*Associate Professors Charlton, Earl, Lancaster,*

*Szakmary*

*Assistant Professors Conover, North*

**Note:** Students planning to enroll in Finance 468 should complete Finance 366 during their junior year.

### Finance Courses (FIN)

**360 Principles of Financial Management.** Analysis and examination of financing, investment and dividend decisions of business organizations. Financial management in the global environment. *Prerequisites:* Accounting 201-202, Economics 101-102, and Business Administration 201. *3 sem. hrs.*

*Prerequisite:* Finance 360 is prerequisite to all the following finance courses.

**363 Risk Management and Insurance.** Risk management, principles and theory of insurance, personal and business needs served by insurance. *3 sem. hrs.*

**366 Investments.** Security markets, investment theory, security valuation and selection. Application of investment concepts. International, derivative and option markets. *3 sem. hrs.*

**369 Selected Topics in Finance.** Topics depend on mutual interests of instructor and students. Intended primarily as elective for finance and business administration students. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

**461 Advanced Financial Management.** Case study analysis of financial policies and strategies of businesses. Asset and liability management, working capital policies, profit distribution, global competition, risk assessment and their contribution to market value. Financial market implications for financial management. *Prerequisite:* Senior standing or permission of department. *3 sem. hrs.*

**462 International Financial Management.** Focuses on study and analysis of financial markets confronting globally-oriented firms. Currency markets, international capital markets, risk exposure, risk management techniques, and valuation principles in global economy. Emphasis on application of financial management principles for multinational firms. *Prerequisite:* Senior standing or permission of department. *3 sem. hrs.*

**464 Essentials of Cash Management.** Focuses on fundamental knowledge and skills required to be a cash manager in a modern business. Integrates coverage of 16 topical areas in the Certified Cash Management (CCM) curriculum with current event readings and cases. Designed to conform to requirements of the CCM Associate Program, allowing students to participate in the program's testing and certification process. *Prerequisites:* Accounting 201, 202, Business Administration 391, Finance 360, and senior standing or permission of department. *3 sem. hrs.*

**465 Technical Analysis.** Involves study of supply and demand through data generated by the action of markets and through the study of psychology and behavior of the various market participants. Will cover basic tools of technical analysis including the Dow theory; techniques of chart construction and interpretation; momentum and cycle studies; relative strength; industry group analysis; investor sentiment; contrary opinion; and intermarket relationships. Emphasis will be placed on practical application of these tools to the investment decision-making process for both the short and long-term. Studies will be taken from both historical and real-time situations. *3 sem. hrs.*

**466 Fixed Income and Derivative Securities.** Focuses on institutional features, pricing, risk management in fixed income, futures, option and swap mar-

kets. 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. *3 sem. hrs.*

**467 Portfolio Management and Analysis.** Analyzing financial data and analysis of securities. Selection of securities and portfolios to meet investment objectives and measure portfolio performance. International dimensions of portfolio management and risk/return matrix. *Prerequisite:* Finance 366, senior standing or permission of department. *3 sem. hrs.*

**468 Student-Managed Investment Fund.** Authority and attendant responsibilities of managing part of University of Richmond's endowment fund. Initial value of portfolio was \$200,000. Enrollment is open to seniors only and is limited. Students enroll in fall semester for two consecutive semesters with grade awarded at end of spring term. *Corequisite:* Finance 467. *Prerequisites:* Finance 366 and permission of department. *3 sem. hrs.*

## International Business (IBUS)

*Thomas J. Cossé, Director*

### International Business Courses (IBUS)

**IBUS 381 International Business Environment.** Introduction to field of international business: national economic and cultural differences; international trade policies and institutions; foreign direct investment; regional economic integration; international monetary system; global competition; current international business trends and developments. *Prerequisite:* At least junior standing. *3 sem. hrs.*

**IBUS 389 Directed Independent Research.** Independent research on an international business topic conducted under the direct supervision of an instructor. *Prerequisites:* permission of the instructor. *1-3 sem. hrs.*

**IBUS 390 International Business Issues.** Examination of a variety of international business issues. Examples of issues that may be addressed are: Asia/Pacific Management; Doing Business in Mexico; or Business Practices in the European Union. Specific topic determined by professor and announced during the registration period. *Prerequisites:* At least junior standing; other prerequisites may be specified by instructor. *3 sem. hrs.*

**IBUS 411 International Business Strategy.** Capstone course for the international business concentration. Readings and in-depth case studies on strategy formulation and implementation in the global business area. Emphasis on emerging competitive trends such as transnational enterprises and collaborative international business arrangements. *Prerequisites:* International Business 381 and senior standing. *3 sem. hrs.*

## Management Systems (MSYS)

*D. Neil Ashworth, Chair*

*Professors Ashworth, Ireland, New, Newman, Wright*

*Associate Professors Eylon, Litteral*

*Assistant Professors Altay, Coombs, Coughlan, Rondeau*

*Visiting Professor Schnorbus*

### Management Systems Courses (MSYS)

**330 Organizational Behavior.** Behavioral science concepts and their application to analysis of individual and group behavior in an organizational setting. Conceptual areas include personality, motivation, learning, perception, communications, attitudes, and small groups. *3 sem. hrs.*

**331 Personnel/Human Resource Management.** Human resources decisions made by managers in general, and personnel managers in particular. Steps in employment relationship including job design, human resources requirements, staffing, training, goal setting, performance assessment, rewards, and human resource planning and development. *Prerequisite:* Management Systems 330 or permission of instructor. *3 sem. hrs.*

**333 International Management.** Introduction to management challenges businesses face in international environment. Includes overview of cultural factors and their impact on issues such as motivation, communication, recruitment, selection, and training. *Prerequisite:* Management Systems 330. *3 sem. hrs.*

**340 Operations Management.** Variables and structure of business operations. Introduction to quantitative decision techniques in solving basic operating problems. *Prerequisite:* Business Administration 201 or equivalent. *3 sem. hrs.*

**344 Bargaining and Negotiations in Organizations.** Multi-disciplinary study of concepts related to bargaining and negotiations. Situations involving interpersonal behavior and group conflict will be examined, using research findings from several academic disciplines including psychology, communications, and organizational behavior. A primary objective is to have students discover and improve their own bargaining styles, through participation in role-plays and simulations based on real-life scenarios. *Prerequisite:* Management Systems 330. *3 sem. hrs.*

**345 Management Science.** Application of quantitative methods. Typical business problem areas: scheduling, inventories, queues, allocation of resources, and market strategies. *3 sem. hrs.*

**346 Systems Analysis and Design.** Focuses on issues related to developing information systems using modern, desktop tools. Will help students learn specific data and process modeling techniques, and experience design process, which will increase their chances of a *quality* end-user solution when they are in a real business situation. *3 sem. hrs.*

**347 Entrepreneurship.** Process of new venture formation from idea generation to startup. Emphasis on small business strategies, business plan mechanics, venture capitalization, and role of the independent entrepreneur in today's society. *3 sem. hrs.*

**348 Environmental Management.** Study of various challenges being faced by today's organizations created by heightened concern for the protection of our natural environment. Topics studied include such issues as air and water pollution, waste management, and global warming. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

**349 Selected Topics in Management.** Intended primarily as elective for students in business administration or to provide introductions to branches of management not covered in other courses. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

## Marketing (MKT)

*Dana Lascu, Chair*

*Professors Babb, Cossé*

*Associate Professors Lascu, Ridgway, Weisenberger*

*Assistant Professor Webb*

*Visiting Professor Myers*

### Marketing Courses (MKT)

**320 Marketing Management.** Activities by which the planning and exchange of ideas, goods, and services are explained from inception to final consumption. Analysis of markets and their environments, development of marketing strategy, evaluation and control of marketing programs. *Prerequisites:* Accounting 201, 202 and Economics 101-102. *3 sem. hrs.*

*Prerequisite:* Marketing 320 is prerequisite to the following marketing courses.

**322 Product Management.** Decisions made by brand manager as product moves through its life cycle including new product development, product management, and product portfolio assessment. Uses case study and lecture. *3 sem. hrs.*

**324 Sales Management.** Sales force management program, allocation of sales effort; recruiting; selection and training, motivation, supervision, compensation, evaluation, and control of the sales force; elements of the personal selling process. *3 sem. hrs.*

**325 International Marketing.** Global market and its influence on domestic as well as international marketing including cultural, political, and economic factors. Analysis includes screening of foreign markets for entry of U.S. products and subsequent development of market plans as well as strategic responses to effects of international trade on U.S. market. *3 sem. hrs.*

**326 Marketing Research and Analysis.** Concepts, methodology, and techniques. Research design and statistical analysis. Validity and reliability of research information. *Prerequisite:* Business Administration 301. *3 sem. hrs.* **Note:** Marketing 326 is required in the Marketing concentration area.

**327 Consumer Behavior.** Emphasis on understanding of individuals as consumers and organizational buyers; actions consumers engage in while selecting, purchasing, and using products or services in order to satisfy needs and desires. Focus on psychological, emotional, social, and physical processes that precede or follow these actions; how offerings can be targeted more efficiently and effectively to consumer. *3 sem. hrs.*

**329 Selected Topics in Marketing.** Major areas in marketing such as retailing, personal selling, industrial marketing, service marketing and advanced market research. Specific area varies by semester. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

**421 Integrated Marketing Communications.** Focus on coordination of organization's whole communications strategy to convey a consistent message to target customer. *3 sem. hrs.*

**427 Marketing Case Analysis.** Application of marketing concepts to analysis and formulation of marketing programs using case studies. *3 sem. hrs.*

**428 Strategic Market Planning.** Senior-level honors course. Students working in small teams act as "consultants" to local businesses in developing a strategic market plan for their assigned company. Formal written reports and presentations will be developed and presented. *Prerequisites:* Recommendation by faculty member and permission of instructor. *3 sem. hrs.*

## Business Administration (BUAD)

Faculty from all departments in the School of Business provide instruction in this area.

**Note:** There is no business administration concentration area.

### Business Administration Courses (BUAD)

**101 Introduction to Business.** Multidisciplinary course that exposes student to functional areas of business. Focus on acquiring understanding of language and structure of business through study of its functional components: accounting, economics, finance management, and marketing. (Open to first- and second-year students only.) *3 sem. hrs.*

**201 Business Statistics I.** Theory, methodology, and applications of statistics to contemporary business problems. Includes descriptive statistics, probability theory, Bernoulli and Poisson processes, sampling distributions, and one- and two-population statistical inference. *3 sem. hrs.*

**203 Software Tools and Applications.** Laboratory course providing introduction to software packages with applications for business decision making. Emphasis on understanding spreadsheet applications, but includes sessions on word processing and graphics software and database searches. (Open to first- and second-year students only.) *1 sem. hr.*

**301 Business Statistics II.** Theory, methodology, and applications of statistics to contemporary business and economics problems. Includes statistical inference review, analysis of variance, correlation, regression, and selected other topics. *Prerequisites:* Economics 101-102 and Business Administration 201. (Same as Economics 301.) *3 sem. hrs.*

**389 Directed Independent Study.** Specialized study or directed research in area of business or economics. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

**391 Essentials of Information Technology.** Introduction to how computerized information technology supports today's businesses and various functional areas of business. Includes telecommunications, IT development approaches, management of technological changes, and ethical responsibilities of information

management. Some use of microcomputer systems software and e-mail, with specific assignments changing to reflect current trends and issues. *3 sem. hrs.*

**392 Ethical, Social, and Legal Responsibilities of Business.** Ethical and legal issues in business world are discussed and analyzed from a philosophical, historical, legal, and behavioral approach. Current ethical and legal cases serve to highlight changing value choices and resulting consequences, as well as legal problems experienced by business people. *3 sem. hrs.*

**396 Advanced Business Law.** Principles of law relating to Uniform Commercial Code; emphasis on sales, commercial paper, secured transfers, banking laws, bailments and documents of title. Other areas covered include real and personal property laws, insurance law and trusts and estates. *Prerequisite:* Business Administration 392. *3 sem. hrs.*

**497 Strategic Management.** Analysis of strategic business problems. Case method to develop decision-making ability in policy formulation and administration. *Prerequisites:* Business Administration 301, Marketing 320, Management Systems 330 and 340, Finance 360. *3 sem. hrs.*

**\*\*Students interested in earning more than one undergraduate degree should refer to "The Second Undergraduate Degree" on pages 43-44.**

## ACADEMIC PROGRAMS

### JEPSON SCHOOL OF LEADERSHIP STUDIES

The Jepson School of Leadership Studies offers the degree of Bachelor of Arts. To earn this degree a candidate must complete satisfactorily the curricular requirements outlined in the following sections and meet the general degree requirements previously stated under "Graduation" in the chapter "Academic Procedures."

#### Bachelor of Arts

##### I. General Education Requirements

Courses used to satisfy the First-Year Core Course, the Communication Skills, and the Wellness requirements of the General Education Requirements may not be used to meet the fields-of-study requirements for the degree. The First-Year Core Course must be taken in the first year of matriculation. The Communication Skills requirements are normally met in the first year of university study, and should not be postponed beyond the second year.

##### A. First-Year Core Course

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

##### B. Communication Skills I - English 103

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

- (1) Passing English 101-102 (no longer offered at the University of Richmond), completing English 103 with a grade of C (2.0) or higher, or presenting a score of 5 or 4 on either Advanced Placement exam in English, or presenting a score of 5, 6, or 7 on the IB Higher-Level English exam
- (2) Presenting a score on the SAT-II Subject Test - Writing/English Composition or the ACT acceptable to the Department of English

*Only alternative (1) carries semester hours credit toward a degree.*

##### C. Communication Skills II - Foreign Language

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

- (1) Passing the intermediate (122 or 202) level of one language, presenting a score of 5 or 4 on a Modern Foreign Language or Latin

Advanced Placement test, or presenting a score of 5, 6, or 7 on an IB High-Level exam in a Modern Foreign Language

- (2) Presenting a score on the SAT-II Subject Test acceptable to the language faculty concerned, or a score of 3 on a Modern Foreign Language Advanced Placement test
- (3) Making an acceptable score on a departmental placement test
- (4) For non-native English speakers, obtaining an acceptable score on the TOEFL

*Only alternative (1) carries semester hours credit toward a degree.*

##### D. Fields of Study

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

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

*Summary of General Education Requirements*

##### First Year

Core Course, 6 credits

**Communication Skills**

Expository Writing, *3 credits*

Foreign Language, *up to 16 credits\**

Oral Communication

**Fields of Study**

Historical Studies, *3 credits*

Literary Studies, *3 credits*

Natural Science, *4 credits*

Social Analysis, *3 credits*

Symbolic Reasoning, *3 credits*

Visual and Performing Arts, *3 credits*

**Total:** *up to 44 credits*

\* Variable credits; may be satisfied by a demonstration of proficiency upon entrance to the University.

**II. Wellness Requirement**

A student may satisfy this degree requirement by satisfactorily completing Wellness 085, URAWARE: Alcohol Awareness Program, and two sections of Wellness 090, PLUS2: Wellness Topics. The URAWARE requirement is normally met during the first year of University study.

**III. The Leadership Studies Major**

Students wishing to major in leadership studies must apply for admission to the Jepson School during the fall semester of their second year.

They must also complete Leadership Studies 201, Foundations of Leadership Studies, before the spring of the second year or before taking any other leadership studies course. An approved research methods course is also required of all majors. A grade point average of *C+* (2.30) is required in all coursework comprising the major, with no course grade below a *C* (2.0).

The leadership studies major consists of 39 semester hours of coursework including the following:

- |   |         |
|---|---------|
| A. Prerequisite: 201  | 3 hrs.  |
| B. Required courses: 205, 300, 301, 350, 351, 389, 488, 499 | 24 hrs. |
| C. Leadership Studies Electives                             | 12 hrs. |

Students who major in leadership studies must also satisfactorily complete an approved leadership concentration or a minor or a second major in another field in either the School of Arts and Sciences or The Robins School of Business. Information on leadership concentrations may be obtained from the Associate Dean.

**Honors in Leadership Studies**

The Jepson School faculty offers a track by which students with records of intellectual initiative 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, students must hold at least a 3.3 cumulative GPA and at least a 3.3 leadership studies GPA and have earned a B or higher in at least four leadership studies courses. The application form is available for qualified juniors from the Jepson School Associate Dean's office.

Once accepted to the honors track, in order to receive honors in leadership studies a student must:

- Enroll in Leadership 399 for spring semester of junior year. (Students planning to study abroad during this semester may make alternate arrangements with the associate dean and relevant faculty members.)
- Submit a five-page proposal, with preliminary bibliography, for a senior honors thesis, to be accepted by a Jepson faculty supervisor
- Complete Leadership 497 and 498 during senior year
- Successfully present one chapter (including full literature review), bibliography and chapter-by-chapter outline of thesis to a faculty committee by the end of November of senior year
- Successfully present completed thesis to the Jepson faculty by a deadline determined by the associate dean in April of senior year
- Complete undergraduate program with at least a 3.3 cumulative GPA and at least a 3.3 leadership studies GPA

The student in the honors track must complete all aspects of the standard Jepson curriculum (including senior seminar, core courses and elective requirements). Leadership 497 and 498 can count for elective credit.

**The Leadership Studies Minor**

Students wishing to pursue the minor in leadership studies must apply for selection to the minor program during the fall semester of their second year.

The leadership studies minor consists of 21 semester hours in leadership studies as noted below. Leadership Studies 201 and 205 must be completed before the spring semester of the student's second year.

- |  |         |
|--|---------|
| A. Prerequisites: 201                        | 3 hrs.  |
| B. Required Courses: 205, 300, 301, 350, 351 | 15 hrs. |
| C. Leadership Studies Elective               | 3 hrs.  |

**CURRICULA****Leadership Studies (LDSP)**

*Professors Ciulla, Couto, Hickman, Jablin, Rosenblum*  
*Associate Professor Wren*

*Assistant Professors Faier, Hicks, Price*

**Introductory Courses (LDSP)**

**201 Foundations of Leadership Studies.** General introduction to and analysis of historical and current theories of leadership. Study of leadership as social process involving interaction of leaders and followers in different contexts; examination of critical thinking, ethics, and methods of inquiry as they pertain to process and study of leadership; general analysis of leadership competencies, such as leading groups and individuals. *3 sem. hrs.*

*Leadership Studies 201 is a prerequisite to all other Leadership Studies courses.*

*All students interested in applying to major or minor in leadership studies should take this course in spring of sophomore year.*

**Required Courses (LDSP)**

**205 Service to Society.** Exploration of leadership as service to society through critical reflection on community service to populations in need. Integration of service experiences, course readings on justice, charity, and contemporary society, and self-reflection on the obligations of service. *3 sem. hrs.*

**300 History and Theories of Leadership.** Analysis of historical concepts and contemporary theories of leadership. Emphasis on application of theoretical concepts to actual leadership situations. *Prerequisite:* Leadership 301. *3 sem. hrs.*

**301 Critical Thinking and Methods of Inquiry.** Examination of knowledge and argumentation as they pertain to leadership. Analysis of scientific methodology and logic, language and interpretation, and their influence on study and practice of leadership. *Prerequisite:* Admission to the Jepson School of Leadership Studies as a major or minor. *3 sem. hrs.*

**350 Ethics and Leadership.** Study of how moral values and assumptions shape concepts and practice of leadership. Includes role of values in determining moral obligations of leaders and followers, in shaping moral environments, and in policy making and vision. *Prerequisite:* Leadership 351. Restricted to senior majors only or permission of instructor. *3 sem. hrs.*

**351 Leading Groups.** Group theory, concepts, research, and principles of application. Understanding how groups function. Development of skills necessary

to lead and work effectively in groups through group exercises, computer simulations and experiential learning. *3 sem. hrs.*

**389 Research Methods in Leadership Studies.** In-depth examination of various research methods used in study of leadership. Consideration of issues associated with design of studies, collection of various kinds of data, writing research proposals and reports, and analysis of data. *Prerequisite:* Leadership 301 or permission of instructor. *3 sem. hrs.*

**488 Internship.** Applied experience in field of leadership studies and accompanying seminar. Observations of leaders in government, corporate or nonprofit settings. Majors only. May not be taken prior to spring semester of junior year. *3 sem. hrs.*

**499 Senior Seminar.** Senior capstone experience intended to engage majors in an intensive and integrative study of one or more leadership issues. *3 sem. hrs.*

**Electives (LDSP)**

**302 Leadership in Organizations.** Focus on leadership theory and research within and across formal organization settings such as public/private, profit/nonprofit, professional/nonprofessional, and unitary/multidivisional. Examination of rational, natural, and open systems and how leadership differs in each system. *Prerequisite:* Leadership 300. *3 sem. hrs.*

**303 Leadership in Political Contexts.** Informal and formal processes by which power and authority are exercised and leadership is selected within political systems in various settings. Examination of leadership in basic processes and institutions of government through case study of legislative issues. *3 sem. hrs.*

**304 Leadership in Social Movements.** Exploration of history of leadership in social movements. Comparison and contrast of forms, mechanisms, and practices of leadership in various stages of a social movement. Examination of values of leaders as expressed through stories of ordinary people involved in leadership in social movements. *3 sem. hrs.*

**305 Leadership in Community and Volunteer Organizations.** Examination of leadership in nonprofit sector organizations ranging from United Way to small neighborhood associations. Differentiation of leadership roles within organizations by structure, size, membership, and mission. Examination of responsibility for leadership as it pertains to voluntary organizations. *3 sem. hrs.*

**306 Leadership in Cultural and Historical Context.** Analysis of impact of larger contextual factors on the process of leadership. Exploration of role of long-

term social, political, economic, and intellectual forces, as well as the influence of cultural norms and values. Emphasis on application to actual leadership situations. *3 sem. hrs.*

**307 Leadership in International Contexts.** Comparative study of leadership in other cultures and in cross-cultural organizations. Topics include cultural and ethical influences on leadership, the relationship between leaders and followers in other cultures and problems of cross-cultural leadership. *Prerequisite:* Leadership 201 or International Studies 201. No prerequisites for international students. *3 sem. hrs.*

**353 Leadership and Motivation.** Examination and evaluation of theories of human motivation as they apply to leadership. Application of motivation principles to leadership situations through case analysis, simulation, and role play. Analysis of concepts of needs theory, reinforcement theory, and cognitive theory of motivation in specific contextual settings. *Prerequisite:* Leadership 300. *3 sem. hrs.*

**354 Conflict Resolution.** Understanding principles and dynamics of achieving workable unity. Discussion of negotiating techniques and ethical issues related to use of such techniques by leaders. Use of simulations and exercises to practice skills for resolving conflicts. *3 sem. hrs.*

**356 Leading Change.** Study of types of change including moral, cognitive/intellectual, social, cultural, and aesthetic. Focus on leader's ability to envision and implement change and on how different contexts shape that ability. *3 sem. hrs.*

**357 Analyzing and Making Policy.** Examination of leadership in analysis, making, and conduct of policy. Analysis of choices, roles, and moral dimensions involved in cycle of policy. Comparison of policy making and leadership in different contexts. *3 sem. hrs.*

**358 Communicating and Leading.** Explores characteristics of competent leadership communication (in terms of both knowledge and skills) in a variety of situations, including dyadic, group, organizational, and extra-organizational contexts. Stresses interdependence of leader-follower communication, and roles and functions of messages and message activity (for example, message sending, interpreting, creating, and storing) in the leadership process. *Prerequisite or corequisite:* Leadership 300. *3 sem. hrs.*

**386 Leadership in a Diverse Society.** Focuses on historical and contemporary issues concerning the role, responsibility, and process of leadership in diverse communities, organizations, or groups. Students use readings, projects, and class exercises to examine leadership in diverse settings and in the classroom. *3 sem. hrs.*

**387 Leadership and Religious Values.** Study of how persons draw, directly and indirectly, on their religious based moral convictions as they lead and serve in various spheres of pluralistic, public life. Focus on appropriate role(s) of religion in politics, the workplace, schools and universities, and civic organizations. (See Religion 370). *3 sem. hrs.*

**390 Selected Topics.** Topics developed by Jepson School faculty, visiting faculty, or faculty in other schools of the University that address particular issues in leadership. Examples may include Creative Collaboration, Entrepreneurial Leadership, and Systems Thinking. *3 sem. hrs.*

**399 Junior Honors Tutorial.** Juniors accepted to honors track (in fall of junior year) work with Jepson faculty members in this spring tutorial to develop thesis proposal and preliminary bibliography, due the last day of May reading period, for acceptance by a Jepson faculty member who would become honors project supervisor. *Prerequisite:* Permission of Jepson faculty. *1 sem. hr.*

**491 Independent Study.** Special projects pursued individually under supervision of faculty member. *Prerequisite:* Permission of school. *1-6 sem. hrs.*

**492 Directed Study.** Group reading and research in a specified area of leadership studies under faculty supervision. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

**495-496 Senior Project I and II.** Senior Project I: Design and development of research proposal, including identification of project, literature review, and selection of methodology. Senior Project II: Implementation of project design, including data collection and analysis and completion of final project paper. Senior capstone experience, recommended for leadership studies majors interested in pursuing a major project or graduate studies. *Prerequisites:* Leadership 495 and permission of project advisor are prerequisites to 496. *3-3 sem. hrs.*

**497-498 Senior Honors Project I and II.** Year-long engagement in independent research project to produce written thesis worthy of honors in leadership studies. See description of Jepson honors track (above) for further details. *Prerequisites:* Leadership 399 or permission of Jepson faculty and commitment of a faculty project advisor are required to register for 497; in November of senior year, upon oral presentation of research and proposal, Jepson faculty verifies permission to enroll in 498. *3-3 sem. hrs.*

## Board of Trustees

### Officers

**Robert L. Burrus Jr.,** *Rector*  
**Otis D. Coston Jr.,** *Vice Rector*  
**William E. Cooper, Ph.D.,** *President*  
**Carolyn R. Martin,** *Secretary*  
**Herbert C. Peterson,** *Assistant Secretary and Treasurer*

### Corporate Trustees

(excluding Emeritus Trustees)

**Term Expiring June 30, 2002**

**Lewis T. Booker, J.D., LL.D.,** *Richmond, Va.*  
**Martha A. Carpenter, M.D., D.Sc.,** *Charlottesville, Va.*  
**James C. Roberts,** *Richmond, Va.*  
**Claire M. Rosenbaum, Ph.D.,** *Manakin-Sabot, Va.*  
**Richard L. Sharp, D.C.S.,** *Richmond, Va.*  
**Jeremiah J. Sheehan,** *Richmond, Va.*  
**Robert S. Ukrop,** *Richmond, Va.*  
**William G. Wilson,** *Waynesboro, Va.*  
**Marshall B. Wishnack,** *Richmond, Va.*

**Term Expiring June 30, 2003**

**William C. Boshier Jr.,** *Mechanicsville, Va.*  
**Otis D. Coston Jr.,** *McLean, Va.*  
**John R. Davis Jr.,** *Richmond, Va.*  
**Brian L. Hawkins,** *Boulder, Colo.*  
**Robert S. Jepson Jr.,** *Savannah, Ga.*  
**Rebecca C. Massey,** *Richmond, Va.*  
**Paul B. Queally,** *New York, N.Y.*  
**Raymond L. Spence Jr.,** *Richmond, Va.*  
**Elaine J. Yeatts,** *Richmond, Va.*

**Term Expiring June 30, 2004**

**Austin Brockenbrough III,** *Richmond, Va.*  
**Dale P. Brown,** *Cincinnati, Ohio*  
**Richard E. Connors,** *New York, N.Y.*  
**Grace E. Harris, Ph.D., D.S.S.,** *Richmond, Va.*  
**Judith Owen Hopkins, M.D.,** *Winston-Salem, N.C.*

**Virginia Ann Kamsky,** *New York, N.Y.*  
**Robert E. Rigsby,** *Richmond, Va.*  
**E. Claiborne Robins Jr., LL.D.,** *Richmond, Va.*  
**Charles W. Sweet,** *Chicago, Ill.*  
**George W. Wellde Jr.,** *New York, N.Y.*

**Term Expiring June 30, 2005**

**Waldo M. Abbot,** *New York, N.Y.*  
**Robert F. Brooks Sr.,** *Richmond, Va.*  
**Robert L. Burrus Jr.,** *Richmond, Va.*  
**Robert H. Keiter,** *Richmond, Va.*  
**Lawrence C. Marsh,** *New York, N.Y.*  
**Dennis A. Pryor,** *Richmond, Va.*  
**Susan G. Quisenberry,** *Richmond, Va.*  
**Frederick P. Stamp Jr.,** *Wheeling, W.Va.*  
**Sarah J. Walton,** *Washington, D.C.*  
**Allison P. Weinstein,** *Richmond, Va.*

### Trustees Emeriti

**Ed Eskandarian** (2005), *Boston, Mass.*  
**Floyd D. Gottwald Jr., D.C.S.** (2003), *Richmond, Va.*  
**William B. Graham** (2002), *Irvington, Va.*  
**Joseph A. Jennings, D.C.S.** (2005), *Richmond, Va.*  
**Robert C. King Sr.** (2003), *Richmond, Va.*  
**Thomas C. Leggett, D.C.S.** (2005), *Danville, Va.*  
**W. Dortch Oldham, LL.D.** (2004), *Nashville, Tenn.*  
**Stanley F. Pauley, D.C.S.,** (2004), *Richmond, Va.*  
**David P. Reynolds, D.C.S.** (2003), *Richmond, Va.*  
**Gilbert M. Rosenthal, LL.D.** (2002), *Richmond, Va.*  
**Charles H. Ryland, LL.B., LL.D.** (2002), *Warsaw, Va.*  
**H. Norman Schwarzkopf, D.L.S.** (2005), *Tampa, Fla.*  
**Henry F. Stern,** (2004), *Richmond, Va.*  
**C. Porter Vaughan Jr., D.C.S.** (2003), *Richmond, Va.*  
**E. Carlton Wilton, D.C.S.** (2002), *Richmond, Va.*

## Administration

### The University

**William E. Cooper**, *President*  
**Richard L. Morrill**, *Chancellor and University Professor*  
**E. Bruce Heilman**, *Chancellor*  
**June R. Aprille**, *Vice President and Provost*  
**Leonard S. Goldberg**, *Vice President, Student Affairs*  
**Herbert C. Peterson**, *Vice President, Business and Finance and Treasurer*  
**Louis W. Moelchert Jr.**, *Vice President, Investments*  
**Anne B. Kerr**, *Vice President, Advancement*  
**Kathy Monday**, *Vice President, Information Services*  
**Daniel J. Palazzolo**, *Special Assistant to the President for Academic Affairs*  
**Julie E. Tea**, *Director of Special Projects, Office of the President*  
**Carolyn R. Martin**, *Executive Assistant to the President*  
**Susan D. Breeden**, *University Registrar*  
**James D. Miller**, *Director of Athletics*  
**David D. Burhans**, *Chaplain to the University*  
**James R. Rettig**, *University Librarian*

### University Deans

**Uliana F. Gabara**, *Dean, International Education*  
**Juliette Landphair**, *Interim Dean, Westhampton College*  
**Andrew F. Newcomb**, *Dean, School of Arts and Sciences*  
**Stephen Bisese**, *Dean, Richmond College*  
**James L. Narduzzi**, *Dean, School of Continuing Studies*  
**Karen L. Newman**, *Dean, The E. Claiborne Robins School of Business*  
**John R. Pagan**, *Dean, The T. C. Williams School of Law*  
**Kenneth P. Ruscio**, *Dean, Jepson School of Leadership Studies*  
**Pamela W. Spence**, *Dean of Admission*

### Academic Associates

**Patricia J. Brown**, *Associate Dean, School of Continuing Studies*  
**Thomas J. Cossé**, *Director, International Business Programs, The E. Claiborne Robins School of Business*  
**Christopher J. Gruber**, *Director of Admission*  
**Dona J. Hickey**, *Associate Dean for Research Support and Director of the Graduate School of Arts and Sciences, School of Arts and Sciences*  
**Joseph F. Kent III**, *Associate Dean for Academic Operations, School of Arts and Sciences*  
**Carol M. Lawrence**, *Associate Dean and Director, The Richard S. Reynolds Graduate School, The E. Claiborne Robins School of Business*  
**Terry M. Weisenberger**, *Associate Dean for Undergraduate Business Programs, The E. Claiborne Robins School of Business*

## Faculty of the School of Arts and Sciences

The year given designates the year of appointment. The year with ( ) is the year of first appointment.

**Abrash, Samuel A.**, *Associate Professor of Chemistry*; 1990  
 B.A. (University of Chicago), Ph.D. (University of California at Berkeley)  
**Abreu, Dixon**, *Assistant Professor of Spanish*; 2001  
 B.A. (Fordham University), M.A. (City University of New York), Ph.D. (Tulane University)  
**Addiss, Stephen**, *Professor of Art History, Tucker-Boatwright Professor in the Humanities*; 1992  
 M.A. (Harvard University), M.A., Ph.D. (University of Michigan)  
**Allen, Nancy H.**, *Director of Costuming and Make-Up*, 1989  
 B.F.A., M.F.A. (Virginia Commonwealth University)  
**Allen, Thomas M.**, *Assistant Professor of English*, 2000  
 B.A. (University of California at Santa Cruz), M.A. (Claremont Graduate School), Ph.D. (University of Wisconsin at Madison)  
**Allison, Scott T.**, *Professor of Psychology, The MacEldin Trawick Chair in Psychology*; 1987  
 B.A. (University of California at San Diego), Ph.D. (University of California at Santa Barbara)  
**Anderson, Gene H.**, *Professor of Music and Director of Band*; 1982  
 B.A. (Luther College), M.A., Ph.D. (University of Iowa)  
**Bagwell, Catherine L.**, *Assistant Professor of Psychology*; 1999  
 B.S. (University of Richmond), M.A., Ph.D. (Duke University)  
**Bak, Joan L.**, *Associate Professor of History*; 1978  
 B.A. (Stanford University), M.Phil., Ph.D. (Yale University)  
**Baker, Julie A.**, *Director of the Intensive Language Program in French*; 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)  
**Barza, Steven L.**, *Associate Professor of English*; 1978  
 B.A. (Cornell University), M.F.A., Ph.D. (University of Iowa)  
**Basso, Matthew L.**, *Assistant Professor of History*; 2001  
 A.B. (Vassar College), M.A. (University of Montana), Ph.D. (University of Minnesota)  
**Becker, Richard**, *Associate Professor of Music*; 1975  
 B.M. (University of Rochester), M.M. (Boston University)  
**Bell, J. Ellis**, *Professor of Chemistry, The Floyd D. and Elizabeth S. Gottwald Chair in Chemistry*; 2001  
 B.A., M.A., D.Phil. (Oxford University)  
**Belliard-Acosta, Marianella**, *Assistant Professor of Spanish*; 2001  
 B.A. (Queens College), M.A., Ph.D. (New York University)

**Bergren, Theodore A.**, *Associate Professor of Religion*; 1991  
 A.B. (Princeton University), M.T.S. (Harvard University Divinity School), Ph.D. (University of Pennsylvania)  
**Berry, Jane M.**, *Associate Professor of Psychology*; 1991  
 B.A., M.A., Ph.D. (Washington University)  
**Bhatt, Archana J.**, *Assistant Professor of Communication Studies*; 2002  
 B.A. (California State University at Fullerton), M.A. (University of Northern Iowa), Ph.D. (University of Oklahoma)  
**Bishop, John W.**, *Professor of Biology and Environmental Studies*; 1966  
 B.A. (Rutgers University), M.S., Ph.D. (Cornell University)  
**Blake, Holly J.**, *Coordinator of the WILL Program and Lecturer in Women's Studies*; 1992  
 B.A. (College of Wooster), M.A., (State University of New York at Binghamton)  
**Blecher, Robert I.**, *Instructor of History*; 2002  
 B.A. (Brown University), M.A. (Harvard University)  
**Bolt, Ernest C., Jr.**, *Professor of History, The Samuel Chiles Mitchell-Jacob Billikopf Professor in History*; 1966  
 B.A. (Furman University), M.A., Ph.D. (University of Georgia)  
**Bonfiglio, Thomas P.**, *Associate Professor of German*; 1984  
 B.S. (University of Rochester), M.A. (University of Toronto), M.A. (University of Wisconsin), Ph.D. (Indiana University)  
**Bower, Kathrin M.**, *Associate Professor of German*; 1995  
 B.A. (University of Vermont), M.A., Ph.D. (University of Wisconsin at Madison)  
**Bradley-Cromeey, Nancy**, *Associate Professor of French*; 1992  
 B.A. (Wells College), M.A. (Middlebury College School of Italian), M.A., Ph.D. (University of Wisconsin)  
**Brandenberger, David**, *Assistant Professor of History*; 2002  
 B.A. (Macalester College), A.N., Ph.D. (Harvard University)  
**Broening, Benjamin P.**, *Assistant Professor of Music*; 1999  
 B.A. (Wesleyan University), M.M. (Yale University), M.Phil. (Cambridge University), Ph.D. (University of Michigan)  
**Brown, Mavis H.**, *Associate Professor of Education*; 1978  
 B.S., M.S. (Radford College), Ph.D. (Texas Woman's University)  
**Bunn, Emory F.**, *Assistant Professor of Physics*, 2002.  
 A.B. (Princeton University), M.A., Ph.D. (University of California at Berkeley)  
**Cable, Jennifer A.**, *Associate Professor of Music*; 1993  
 B.M. (Oberlin College), M.M., D.M.A. (Eastman School of Music)  
**Carapico, Sheila**, *Professor of Political Science*; 1985  
 B.A. (Alfred University), M.A., Ph.D. (State University of New York at Binghamton)  
**Caudill, Lester F., Jr.**, *Associate Professor of Mathematics*; 1995  
 B.S., M.S., Ph.D., (Texas A&M University)

**Cavalcanti, H.B.**, *Associate Professor of Sociology*; 1993  
 B.Th. (Seminário Teológico Batista de Norte), B.Law (Universidade Católica de Pernambuco), M.Div. (Southern Baptist Theological Seminary), M.A., Ph.D. (Vanderbilt University)  
**Charlesworth, Arthur T.**, *Professor of Mathematics and Computer Science*; 1976  
 B.S. (Stetson University), A.M., Ph.D. (Duke University), M.S., Computer Science (University of Virginia)  
**Cheever, Abigail**, *Assistant Professor of English*; 2001  
 A.B. (Harvard University), M.A., Ph.D. (The Johns Hopkins University)  
**Churchill, Mary M.**, *Clinical Psychologist and Adjunct Assistant Professor of Psychology*; 1989  
 B.A., M.A., Ph.D. (University of Cincinnati)  
**Clough, Stuart C.**, *Associate Professor of Chemistry*; 1973  
 B.S. (University of Richmond), Ph.D. (University of Florida)  
**Cook, Frank J.**, *Assistant Professor of Military Science*; 2000  
 B.S. (James Madison University)  
**Cook, Robert Winston, Jr.**, *Associate Professor of Economics*; 1980  
 B.A. (University of Richmond), Ph.D. (Virginia Polytechnic Institute)  
**Covitz, Akiba J.**, *Assistant Professor of Political Science*; 2000  
 B.L.A. (St. Johns College), M.Studies in Law (Yale University), Ph.D. (University of Pennsylvania)  
**Craft, Erik D.**, *Associate Professor of Economics*; 1994  
 B.A. (St. Lawrence University), M.S., Ph.D. (University of Chicago)  
**Crawford, L. Elizabeth**, *Assistant Professor of Psychology*; 2001  
 B.A., Ph.D. (University of Chicago)  
**Daleng, Myra W.**, *Director of Dance*; 1981  
 B.A. (University of Maryland), M.S. (James Madison University)  
**Dance, Daryl Cumber**, *Professor of English*; 1992  
 A.B., M.A. (Virginia State College), Ph.D. (University of Virginia)  
**Davis, G. Scott**, *Associate Professor of Religion, The Lewis T. Booker Professor of Religion and Ethics*; 1994  
 A.B. (Bowdoin College), Ph.D. (Princeton University)  
**Davis, James A.**, *Professor of Mathematics, The Roger Francis and Mary Saunders Richardson Chair in Mathematics*; 1988  
 B.S. (Lafayette College), M.S., Ph.D. (University of Virginia)  
**Davison, Michael A.**, *Associate Professor of Music*; 1986  
 B.M.E. (Eastman School of Music), M.S.T. (University of Wisconsin at Whitewater), D.M.A. (University of Wisconsin at Madison)  
**de Sá, Rafael O.**, *Associate Professor of Biology*; 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)  
**Dean, David H.**, *Associate Professor of Economics*; 1987  
 B.A. (Hobart College), M.A., Ph.D. (Rutgers University)

- Denton, Margaret Fields**, *Associate Professor of Art History*; 1990  
B.A. (George Washington University), M.A. (Tulane University), Ph.D. (New York University-Institute of Fine Arts)
- Dolan, Robert C.**, *Professor of Economics*; 1980  
B.A. (Hobart College), M.A., Ph.D. (Rutgers University)
- Dominey, Raymond N.**, *Associate Professor of Chemistry*; 1986  
A.A. (Pensacola Junior College), B.S. (University of West Florida), Ph.D. (Massachusetts Institute of Technology)
- Drell, Joanna H.**, *Assistant Professor of History*; 2000  
B.A. (Wellesley College), Ph.D. (Brown University)
- Eakin, Frank E., Jr.**, *Professor of Religion, The Marcus M. and Carole M. Weinstein, and Gilbert M. and 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.**, *Assistant Professor of Political Science*; 2001  
B.A. (Rhodes College), Ph.D. (Boston University)
- Essid, Joseph**, *Director of the Writing Center*; 1992  
B.A. (University of Virginia), M.A., Ph.D. (Indiana University)
- Fages, Guiomar C.**, *Instructor of Spanish*; 2001  
B.A. (St. Cloud State University), M.A. (University of Nebraska)
- Feldman, Sharon G.**, *Associate Professor of Spanish*; 2000  
B.A. (University of Pennsylvania), M.A. (New York University), Ph.D. (University of Texas at Austin)
- Fenster, Della D.**, *Assistant Professor of Mathematics*; 1994  
B.A. (University of Mississippi), M.A. (Boston College), Ph.D. (University of Virginia)
- Ferguson, Geraldine H.**, *Director of Chemistry Laboratories*; 1994  
B.A. (Mount St. Agnes College), M.S. (The Catholic University of America)
- Ferman, Claudia**, *Associate Professor of Spanish*; 1992  
M.A. (Universidad Nacional de Buenos Aires), Ph.D. (Arizona State University)
- Fetea, Mirela Simona**, *Assistant Professor of Physics*; 2000  
B.Sc., M.Sc. (University of Timisoara, Romania), Ph.D. (University of Cape Town)
- Gabara, Uliana F.**, *Dean of International Education*; 1983  
B.A. (Bennington College), M.A. (University of Warsaw), Ph.D. (University of Virginia)
- Geaney, Jane M.**, *Assistant Professor of Religion*; 1997  
B.A. (College of the Holy Cross), M.A., Ph.D. (University of Chicago)
- Gilfoyle, Gerard P.**, *Associate Professor of Physics*; 1987  
A.B. (Franklin and Marshall College), Ph.D. (University of Pennsylvania)
- Givens, Terry L.**, *Professor of English*; 1988  
B.A. (Brigham Young University), M.A., Ph.D. (University of North Carolina)
- Goddu, Geoffrey C.**, *Assistant Professor of Philosophy*; 2000  
B.A. (Hamilton College), M.A., Ph.D. (University of Massachusetts at Amherst)
- Goldman, Emma W.**, *Associate Professor of Chemistry*; 1984  
B.A., M.A. (Vassar College), Ph.D. (Massachusetts Institute of Technology)
- Gordon, John L., Jr.**, *Professor of History*; 1967  
A.B. (Western Kentucky University), M.A., Ph.D. (Vanderbilt University)
- Greenfield, Gary R.**, *Associate Professor of Mathematics and Computer Science*; 1981  
B.A. (University of California at Los Angeles), Ph.D. (Oregon State University)
- Grove, Nuray L.**, *Director of ESL Services*; 2001  
B.A. (Middle East Technical University, Turkey), M.A. (Bilkent University)
- Gruner, Elisabeth R.**, *Associate Professor of English and Women's Studies*; 1993  
A.B. (Brown University), M.A., Ph.D. (University of California at Los Angeles)
- Gunlicks, Arthur B.**, *Professor of Political Science and International Studies*; (1968), 1980  
B.A. (University of Denver), Ph.D. (Georgetown University), (University of Freiburg), (University of Gottingen)
- Gupton, John T., III**, *Professor of Chemistry, Floyd D. and Elizabeth S. Gottwald Professor of Chemistry*; 1999  
B.S., (Virginia Military Institute), M.S., Ph.D. (Georgia Institute of Technology)
- Hall, James H., Jr.**, *Professor of Philosophy, The James Thomas Professor in Philosophy*; 1965  
A.B. (The Johns Hopkins University), Ph.D. (University of North Carolina at Chapel Hill)
- Hamm, Michelle L.**, *Assistant Professor of Chemistry*; 2001  
B.A. (Carleton College), Ph.D. (University of Chicago)
- Harrison, J. Michael**, *Assistant Professor of Geography and Environmental Studies*; 2001  
B.S. (The Rensselaer Polytechnic Institute), M.A. (University of Georgia), Ph.D. (University of Florida)
- Hayden, W. John**, *Professor of Biology, The D.A. Kuyk Chair of Biology*; 1980  
B.A. (University of Connecticut), M.S., Ph.D. (University of Maryland)
- Hayes, Julie C.**, *Professor of French*; 1982  
B.A. (Austin College), M.A., Ph.D. (Northwestern University)
- Hermida-Ruiz, Aurora**, *Associate Professor of Spanish*; 1995  
B.A. (Universidad de Sevilla), M.A., Ph.D. (University of Virginia)
- Hewett-Smith, Kathleen M.**, *Associate Professor of English*; 1991  
B.A. (University of Colorado at Boulder), M.A., Ph.D. (University of California at Irvine)
- Hickey, Dona J.**, *Associate Dean for Research Support and Director, Graduate School of Arts and Sciences, and Professor of English*; 1984  
B.A., M.A., Ph.D. (University of Wisconsin at Milwaukee)
- Hicks, Douglas A.**, *Assistant Professor of Leadership Studies and Religion*; 1998  
A.B. (Davidson College), M.Div. (Duke University), Ph.D. (Harvard University)
- Hilliard, Raymond F.**, *Professor of English*; 1976  
B.A. (University of Maryland), Ph.D. (University of Rochester)
- Hobgood, Linda B.**, *Director of the Speech Center*; 1996  
B.A., M.A. (University of Virginia)
- Hoke, Katherine W.**, *Associate Professor of Mathematics*; 1985  
B.S. (College of Charleston), M.S., Ph.D. (University of North Carolina)
- Holland, Dorothy J.**, *Assistant Professor of Theatre*; 1999  
B.S. (Skidmore College), M.F.A. (Sarah Lawrence College), Ph.D. (University of Washington)
- Holton, Abner L. (Woody)**, *Assistant Professor of History*; 2000  
B.A. (University of Virginia), Ph.D. (Duke University)
- Hooker, Lynn M.**, *Assistant Professor of Music*; 2001  
A.B. (Duke University), M.A., Ph.D. (University of Chicago)
- Howell, Yvonne**, *Associate Professor of Russian*; 1991  
B.A. (Dartmouth College), M.A., Ph.D. (University of Michigan)
- Hubbard, Anita H.**, *Director of the Computer Science Laboratories*; 1983  
B.S. (University of Tennessee), M.S. (University of North Carolina at Chapel Hill), M.S. (Pennsylvania State University)
- Hubbard, John R.**, *Professor of Mathematics and Computer Science*; 1983  
A.B. (University of Rochester), A.M., Ph.D. (University of Michigan), M.S. (Pennsylvania State University)
- Ivey, George N.**, *Commencements and Special Projects Coordinator and Associate Professor of Education*; 1976. B.Ed. (University of Omaha), B.S. (State University of New York at Albany), M.S. (Troy State University; Ed.S., Ed.D. (The College of William and Mary), Graduate (United States Army Command and General Staff College), Graduate (Naval War College)
- Jackson, Regine O.**, *Assistant Professor of Sociology*; 2001  
B.A. (Brown University), M.A., Ph.D. (University of Michigan)
- Jiang, Yi-Wen**, *Member of the Shanghai Quartet, the University's Quartet-in-Residence*; 1994  
B.M. (The Central Conservatory of Music), M.M. (Rutgers University)
- Johnson, Charles W., Jr.**, *Professor of Art History*; 1967  
B.M.Ed. (Westminster College), M.S.M. (Union Theological Seminary, New York City), Ph.D. (Ohio University)
- Johnson, Scott D.**, *Associate Professor of Speech Communication*; 1996  
B.A. (University of Minnesota), M.A. (University of Wisconsin), Ph.D. (Bowling Green State University)
- Jones, Suzanne W.**, *Associate Professor of English and Women's Studies*; 1984  
B.A., M.A. (The College of William and Mary), Ph.D. (University of Virginia)
- Jones-DeWeever, Avis A.**, *Assistant Professor of Political Science*; 2000  
B.A. (Virginia State University), M.A. (University of Akron), Ph.D. (University of Maryland at College Park)
- Joyce, Kimberlye P.**, *Director of Curriculum Materials and Technologies Center*; 2000  
B.S. (East Tennessee State University), M.Ed. (University of Virginia)
- Kaempfer, Alvaro**, *Assistant Professor of Spanish*; 2000  
B.A. (Universidad Austral de Chile), M.A. (Universidad de Santiago de Chile), Ph.D. (Washington University)
- Kandeh, Jimmy D.A.**, *Associate Professor of Political Science*; 1992  
B.A. (University of Sierra Leone), M.A., Ph.D. (University of Wisconsin at Madison)
- Kanters, René P. F.**, *Director of Computer-Assisted Science Education*; 2000  
Kandidaats, Doctoraal, Ph.D. (University of Nijmegen)
- Kasongo, Kapanga M.**, *Associate Professor of French*; 1992  
Licence en Pédagogie Appliquée, Graduat en Pédagogie Appliquée (Université Nationale du Zaïre), M.A. (University of Durham, England), Ph.D. (Vanderbilt University)
- Keiler, Leslie S.**, *Assistant Professor of Education*; 2000  
B.S., M.S. (Stanford University), M.A. (Columbia University), Ph.D. (University of Oxford)
- Kent, Joseph F., III**, *Associate Dean for Academic Operations, and Professor of Computer Science*; 1973  
B.A., M.A., M.C.S., Ph.D. (University of Virginia)
- Kenzer, Robert C.**, *Professor of History and American Studies, The William Binford Vest Professor of History*; 1993  
B.A. (University of California at Santa Barbara), M.A., Ph.D. (Harvard University)
- Kerckhove, Michael G.**, *Associate Professor of Mathematics*; 1988  
B.S. (University of Wisconsin), M.S., Ph.D. (Brown University)
- Kerr, Roy A.**, *Associate Professor of Spanish*; 2002  
B.A. (Pennsylvania State University), M.Ed. (Temple University), Ph.D. (Pennsylvania State University)
- Kindel, George**, *Assistant Professor of Journalism*; 2002  
B.S. (University of Houston), M.S. (Boston University)
- Kingsley, Roni J.**, *Associate Professor of Biology*; 1988  
B.S. (Queens College, City University of New York), M.S., Ph.D. (University of South Carolina)
- Kinsley, Craig H.**, *Associate Professor of Psychology*; 1989  
B.A. (State University of California, Sonoma), M.A. (Catholic University), Ph.D. (State University of New York at Albany)
- Kish, Valerie R.**, *Professor of Biology, The Clarence E. Denoon Jr. Professor of Science*; 1993  
B.S. (University of Kentucky), M.A. (Indiana University), Ph.D. (University of Michigan)
- Kong, Joanne L.**, *Director of Accompaniment*; 1999  
B.M. (University of Southern California), M.M., D.M.A. (University of Oregon)
- Kozub, Frederick J.**, *Associate Professor of Psychology*; 1968  
B.A. (State University of New York at Buffalo), M.A. (Hollins College), Ph.D. (University of Virginia)

- Kuntz, Shannon K.**, *Instructor of Computer Science*; 2001  
B.S., M.S. (University of Notre Dame)
- Kuswa, Kevin D.**, *Director of Debate*; 2001  
B.S. (Georgetown University), M.A., Ph.D. (University of Texas at Austin)
- Lam, Tong**, *Assistant Professor of History*; 2002  
B.Sc. (Oklahoma State University), M.A. (University of Kansas), Ph.D. (University of Chicago)
- Larkin, Edward J.**, *Assistant Professor of English and American Studies*; 1999  
B.A. (University of Harvard), M.A., Ph.D. (Stanford University)
- Lash, Donald J.**, *Professor of Military Science*; 2001  
B.S. (United States Military Academy), M.B.A. (Embry-Riddle Aeronautical University)
- Laskaris, Julie**, *Associate Professor of Classical Studies*; 1996  
B.A. (New York University), M.A., Ph.D. (University of California at Los Angeles)
- Lawrence, Dulce**, *Assistant Director of the Intensive Language Program in Spanish*; 1991  
B.A., M.A. (University of Richmond)
- Lawson, Barry G.**, *Assistant Professor of Computer Science*; 2002  
B.S. (University of Virginia at Wise), M.S., Ph.D. (The College of William and Mary)
- Leary, David E.**, *University Professor*; 1989  
B.A. (San Luis Rey College), M.A. (San José State University), Ph.D. (University of Chicago)
- Leopold, Michael C.**, *Assistant Professor of Chemistry*; 2002  
B.A. (James Madison University), Ph.D. (North Carolina State University)
- Lessem, Paula B.**, *Director of the Biology Laboratories*; 1996  
B.S. (Pennsylvania State University), M.S., Ph.D. (Rutgers University)
- Lewellen, Ted C.**, *Professor of Anthropology, The Irving May Professor of Human Relations*; 1978  
B.A. (Alaska Methodist University), M.A. (New York University), Ph.D. (University of Colorado, Boulder)
- Li, Hong Gang**, *Member of the Shanghai Quartet, the University's Quartet-in-Residence*; 1990
- Li, Ping**, *Associate Professor of Psychology*; 1996  
B.A., M.A. (Peking University), Ph.D. (Leiden University)
- Li, Wei Gang**, *Member of the Shanghai Quartet, the University's Quartet-in-Residence*; 1990  
B.M. (Shanghai Conservatory of Music), M.M. (Northern Illinois University)
- Loxterman, Alan S.**, *Professor of English*; 1970  
A.B. (Kenyon College), M.A. (University of Chicago), Ph.D. (The Ohio State University)
- MacAllister, Joyce B.**, *Associate Professor of English*; 1979  
B.A., M.Ed. (University of Arizona), M.A. (University of Texas at El Paso), Ph.D. (University of Texas at Austin)
- Mack-Shelton, Kibibi V.**, *Associate Professor of History, Tyler and Alice Haynes Professor of American Studies*; 2002  
B.A. (University of Maryland at Eastern Shore), M.A. (Northwestern University), Ph.D. (State University of New York at Binghamton)
- Marcin, Lorenza A.**, *Director of the Italian Language Program*; 2000  
Dottore (Universita di Urbino)
- Marx, John B.**, *Assistant Professor of English*; 2000  
B.A. (New York University), M.A., Ph.D. (Brown University)
- Matorras, Rosa M.**, *Instructor of Spanish*; 2001  
Licenciatura (Universidad de Oviedo)
- Mayes, Ben Richardson, III**, *Assistant Professor of Political Science*; 2002  
B.A. (University of Richmond), Ph.D. (University of Virginia)
- McCormick, Miriam**, *Assistant Professor of Philosophy*; 2000  
B.A., Ph.D. (McGill University)
- McGoldrick, KimMarie**, *Associate Professor of Economics*; 1992  
B.S. (State University of New York at Oswego), M.A., Ph.D. (State University of New York at Binghamton)
- McWhorter, Ladelle**, *Professor of Philosophy and Women's Studies*; 1992  
B.A. (Birmingham-Southern College), M.A., Ph.D. (Vanderbilt University)
- Monks, James W.**, *Assistant Professor of Economics*; 2001  
B.A. (Union College), M.A., Ph.D. (Boston College)
- Moore, David P.**, *Director of Field Placement*; 1999  
B.S. (North Carolina State University), M.S. (University of Virginia), Ed.D. (Virginia Polytechnic Institute)
- Murphy, James T.**, *Assistant Professor of Geography and International Studies*; 2002  
B.S. (Rutgers University), M.A. (Tufts University), Ph.D. (University of Florida)
- Myers, William H.**, *Professor of Chemistry*; 1973  
B.A. (Houston Baptist College), Ph.D. (University of Florida)
- Nall, Van C.**, *Associate Professor of Mathematics*; 1984  
B.A. (University of the South), Ph.D. (University of Houston)
- Narduzzi, James L.**, *Dean, School of Continuing Studies, and Associate Professor of Political Science*; 1994  
A.B. (Miami University), M.A., Ph.D. (American University)
- Nash, Stephen P.**, *Associate Professor of Journalism*; 1980  
B.A., B.S. (San Francisco State University), M.J. (University of California at Berkeley)
- Neff, Joan L.**, *Associate Professor of Sociology and Criminal Justice*; 1980  
B.A. (University of Delaware), M.A., Ph.D. (The Ohio State University)
- Nelson, Robert M.**, *Professor of English*; (1969), 1975  
B.A. (University of Virginia), M.A., Ph.D. (Stanford University)
- Newcomb, Andrew F.**, *Professor of Psychology and Dean, School of Arts and Sciences*; 1984  
A.B. (Occidental College), Ph.D. (University of Minnesota)
- Nicholson, Robert H.**, *Associate Professor of Economics*; 1972  
B.S. (University of Delaware), M.S., Ph.D. (North Carolina State University)
- Nourse, Jennifer W.**, *Associate Professor of Anthropology*; 1990  
B.A. (University of Tennessee), M.A., Ph.D. (University of Virginia)
- Norwood, Bradley K.**, *Director of Instrument Facilities*; 2001  
B.S. (Virginia Military Institute), Ph.D. (Virginia Commonwealth University)
- Obi, Joseph E., Jr.**, *Associate Professor of Sociology and International Studies*; 1992  
B.Sc. (University of Ibadan), M.S. (University of Illinois at Urbana-Champaign), M.A., Ph.D. (Brandeis University)
- O'Donnell, Kevin J.**, *Assistant Professor of Spanish*; 2000  
B.B.A. (St. Norbert College), M.A. (Roosevelt University), Ph.D. (University of Chicago)
- Outland, John W.**, *Professor of Political Science and International Studies*; 1969  
B.A. (Whittier College), Ph.D. (Syracuse University)
- Owen, William Jason**, *Assistant Professor of Mathematics*; 2002  
B.S. (Salisbury University), M.S., Ph.D. (University of South Carolina)
- Palazzolo, Daniel J.**, *Associate Professor of Political Science*; 1989  
B.A. (Trinity College), M.A. (University of Houston), Ph.D. (University of Virginia)
- Panoff, Kathleen**, *Director of the George M. Modlin Center for the Arts*; 1995  
B.M., M.M. (University of Cincinnati)
- Peebles, Edward M.**, *Director of the Intensive Language Program in Spanish*; 1997  
B.A., M.A. (University of Virginia)
- Perry, Katrina**, *Associate Professor of French*; 1990  
B.A. (University of California at Santa Cruz), M.A., Ph.D. (Cornell University)
- Pope, Leslie A.**, *Assistant Director of Costuming and Makeup*; 2001  
B.A. (University of Arkansas), M.F.A. (Virginia Commonwealth University)
- Radice, Gary P.**, *Associate Professor of Biology*; 1990  
B.A. (Wittenberg University), Ph.D. (Yale University)
- Raines, J. Patrick**, *Professor of Economics, The F. Carlyle Tiller Chair in Business*; 1982  
B.A., M.A., Ph.D. (University of Alabama)
- Ravaux-Kirkpatrick, Françoise R.**, *Professor of French*; 1973  
Baccalaureat en Philosophie, Centre National de Tele-Enseignement Vanves (Université de Paris), M.A., Ph.D. (Michigan State University)
- Reiner, Maren Bogen**, *Director of Biology Laboratories*; 1988  
B.S. (Mary Washington College), M.S. (New York University)
- Rhodes, D. Mark**, *Associate Professor of Art*; 1987  
B.F.A. (Murray State University), M.F.A. (Southern Illinois University)
- Riehl, Jeffrey S.**, *Associate Professor of Music*; 1995  
B.S. (Lebanon Valley College), M.M. (Westminster Choir College), P.M.A. (Eastman School of Music)
- Ross, Andrew F.**, *Director of the Multimedia Language Laboratory*; 1999  
B.A., M.A. (Washington State University), Ph.D. (University of California at Berkeley)
- Ross, William T.**, *Associate Professor of Mathematics*; 1992  
B.S. (Fordham University), M.S., Ph.D. (University of Virginia)
- Rubin, Philip D.**, *Associate Professor of Physics*; 1993  
A.B. (University of Pennsylvania), M.A., M.S., Ph.D. (University of California at Los Angeles)
- Runyon-Janecky, Laura J.**, *Assistant Professor of Biology*; 2002  
B.S. (Southwestern University), Ph.D. (University of Wisconsin at Madison)
- Russell, Anthony P.**, *Associate Professor of English*; 1992  
B.A., M.Phil., Ph.D. (Yale University)
- Saal, Ilka**, *Assistant Professor of English*; 2002  
Intermediate Examination (Georg-August-Universität), M.A. (Universität Leipzig), Ph.D. (Duke University)
- Sahlstein, Erin M.**, *Assistant Professor of Communication Studies*; 2000  
B.S. (Iowa State University), M.A. (University of Wisconsin at Milwaukee), Ph.D. (University of Iowa)
- Schauber, Nancy E.**, *Associate Professor of Philosophy*; 1993  
A.B. (St. John's College), M.A. (University of Virginia), Ph.D. (Yale University)
- Schmidt, Robert M.**, *Professor of Economics*; 1981  
B.A. (University of Wisconsin at Madison), M.A., Ph.D. (Duke University)
- Schoen, Walter L.**, *Associate Professor of Theatre*; 1991  
B.A. (Pennsylvania State University), M.F.A. (University of California at San Diego)
- Schoknecht, Patricia A.**, *Director of Teaching, Learning and Technology, Associate Professor of Biology*; 2000  
B.S. (George Washington University), M.S. (Virginia Polytechnic Institute), Ph.D. (Cornell University)
- Schwartz, Louis**, *Associate Professor of English*; 1989  
B.A. (State University of New York at Albany), M.A., Ph.D. (Brandeis University)
- Schweichler, Steven R.**, *Assistant Professor of Military Science*; 2000  
B.S. (State University of New York at Fredonia)
- Shapiro, Gary**, *Professor of Philosophy, The Tucker-Boatwright Professor in the Humanities*; 1991  
B.A. (Columbia College), Ph.D. (Columbia University)
- Shaw, Miranda E.**, *Associate Professor of Religion*; 1991  
B.A. (The Ohio State University), M.T.S. (Harvard University Divinity School), M.A., Ph.D. (Harvard University)
- Sholley, Barbara K.**, *Associate Professor of Psychology and Women's Studies*; 1972  
A.A. (Hershey Junior College), A.B., M.S., Ph.D. (Ohio University)
- Simpson, Dean W.**, *Associate Professor of Classical Studies*; 1982  
B.A. (Dickinson College), M.Phil. (University College, Dublin), Ph.D. (National University of Ireland)
- Sjovold, Erling A.**, *Assistant Professor of Art*; 2000  
B.S. (University of California at Berkeley), M.F.A. (The School of the Art Institute of Chicago)

**Smallwood, Peter D.**, *Assistant Professor of Biology*; 1997  
B.S. (The Ohio State University), M.S. (University of North Carolina at Chapel Hill), Ph.D. (University of Arizona)

**Softic', Tanja**, *Associate Professor of Art*; 2000  
B.F.A. (Academy of Fine Arts of the University of Sarajevo), M.F.A. (Old Dominion University)

**Spear, Michael M.**, *Associate Professor of Journalism*; 1983  
B.A. (Guilford College), M.A. (University of North Carolina at Chapel Hill)

**Stenger, Krista Jane**, *Assistant Professor of Biology*; 1994  
B.A. (University of Virginia), M.S. (Virginia Commonwealth University), Ph.D. (Medical College of Virginia/Virginia Commonwealth University)

**Stevenson, Christopher L.**, *Associate Professor of Chemistry*; 1993  
B.S. (University of North Carolina at Chapel Hill), Ph.D. (University of Florida)

**Stevenson, Walter N.**, *Associate Professor of Classical Studies*; 1990  
B.A. (Carleton College), Ph.D. (Brown University)

**Stewart, Susan D.**, *Assistant Professor of Sociology*; 2000  
B.A. (State University of New York at Fredonia), M.A., Ph.D. (Bowling Green University)

**Stohr-Hunt, Patricia M.**, *Assistant Professor of Education*; 1994  
B.S. (State University of New York at Stony Brook), M.Ed., Ph.D. (State University of New York at Buffalo)

**Sturgis, Ellie T.**, *Dean, Westhampton College, Associate Dean, School of Arts and Sciences, Clinical Associate Professor of Psychology*; 2001  
B.A. (Furman University), M.S., Ph.D. (University of Georgia)

**Summers, L. Carol**, *Associate Professor of History*; 1991  
B.A. (Swarthmore College), M.A., Ph.D. (The Johns Hopkins University)

**Suzuki, Akira**, *Director of the Japanese Language Program*; 1989  
B.A. (Aoyama Gakuin University), M.A., Graduate Study (University of Pittsburgh), Graduate Study (Cornell University)

**Szajda, Douglas C.**, *Assistant Professor of Computer Science*; 2001  
B.S. (Lafayette College), M.S., Ph.D., M.C.S. (University of Virginia)

**Tan, Rose L.**, *Director of the Chinese Language Program*; 1999  
B.A. (National Cheng Kung University), M.Phil. (The Chinese University of Hong Kong)

**Taylor, Welford D.**, *Professor of English, The James A. Bostwick Chair of English*; 1964  
B.A., M.A. (University of Richmond), Ph.D. (University of Maryland)

**Terry, Robert M.**, *Professor of French*; 1968  
B.A. (Randolph-Macon College), Ph.D. (Duke University)

**Thomas, David Allen**, *Associate Professor of Speech Communication*; 1986  
B.A., M.A. (Hardin-Simmons University), Ph.D. (Michigan State University)

**Treadway, John D.**, *Professor of History*; 1980  
B.A. (Florida State University), Ph.D. (University of Virginia)

**Tremaine, Louis E.**, *Associate Professor of English and International Studies*; 1981  
A.B. (Occidental College), M.A., Ph.D. (Indiana University)

**Troncale, Joseph C.**, *Associate Professor of Russian*; 1979  
B.A. (Loyola University), M.A. (University of Arizona), Ph.D. (Cornell University)

**Tzavaras, Nicholas G.**, *Member of the Shanghai Quartet, the University's Quartet-in-Residence*; 2000  
B.M. (New England Conservatory), M.M. (State University of New York at Stony Brook)

**Van Gelder, Anne N.**, *Assistant Director of Dance*; 1999  
B.A. (Virginia Intermont College), M.F.A. (University of Utah)

**Vineyard, Michael F.**, *Professor of Physics, The Robert Edward and Lean Frazer Loving Chair in Physics*; 1986  
B.S. (Stockton State College), M.S., Ph.D. (Florida State University)

**Waller, Richard**, *Executive Director of University Museums and Director of the Marsh Gallery*; 1990  
B.A. (Mankato State University), M.A. (University of Wisconsin), M.F.A. (Yale University)

**Wang, Vincent W.**, *Associate Professor of Political Science*; 1996  
B.A. (National Taiwan University), M.A. (Johns Hopkins University), Ph.D. (University of Chicago)

**Warrick, John M.**, *Assistant Professor in Biology*; 2002  
B.S. (King's College), M.S., Ph.D. (Temple University)

**Watts, Sydney E.**, *Assistant Professor of History*; 1999  
B.A. (Sarah Lawrence College), M.A., Ph.D. (Cornell University)

**West, Ellis M.**, *Professor of Political Science*; 1968  
B.A. (University of Richmond), (Yale Divinity School), (New York University School of Law); M.A., Ph.D. (Emory University)

**West, Hugh A.**, *Associate Professor of History and International Studies*; 1978  
B.A., M.A., Ph.D. (Stanford University)

**West, Warwick Reed, III**, *Associate Professor of Theatre*; 1985  
B.A. (University of Richmond), M.F.A. (Wayne State University)

**Wharton, Carol S.**, *Associate Professor of Sociology and Women's Studies*; 1982  
B.A. (Marshall University), M.S. (The Ohio State University), Ph.D. (Michigan State University)

**Wheeler, Stuart L.**, *Associate Professor of Classical Studies*; 1967  
B.A. (The College of William and Mary), M.A.T. (Vanderbilt University)

**Whelan, John T.**, *Professor of Political Science*; 1970  
B.S. (Canisius College), M.A., Ph.D. (University of Pittsburgh)

**Wight, Jonathan B.**, *Associate Professor of Economics and International Studies*; 1982  
B.A. (Duke University), M.A., Ph.D. (Vanderbilt University)

**Winiarski, Douglas L.**, *Assistant Professor of Religion*; 2000

B.A. (Hamilton College), M.T.S. (Harvard Divinity School), Ph.D. (Indiana University)

**Wohl, Debra L.**, *Assistant Professor of Biology*; 1999  
B.A. (University of Michigan), M.S., Ph.D. (University of Georgia)

**Wolf, Michael A.**, *Professor of Law and History*; 1988  
B.A. (Emory University), J.D. (Georgetown University), A.M., Ph.D. (Harvard University)

**Yates, Andrew J.**, *Associate Professor of Economics*; 2002  
B.S. (Washington University), M.S., Ph.D. (Stanford University)

## Faculty Librarians

**Gwin, James E.**, *Collection Development Librarian*; 1975  
A.B. (University of Chattanooga), M.Ln. (Emory University), M.P.A. (Virginia Commonwealth University)

**Hall, Bonlyn G.**, *Music Librarian*; 1971  
B.S. (University of North Carolina), M.L.S. (State University of New York College at Geneseo), M.M. (University of Maryland)

**Hillner, Melanie M.**, *Science Librarian*; 1987  
A.B. (Earlham College), M.S.L.S. (University of Kentucky)

**Lenville, Jean**, *Serials Librarian*; 1993  
B.A. (Emerson College), M.S. (Simmons College)

**Maxwell, Littleton M.**, *Business Librarian*; 1971  
B.A. (Randolph-Macon College), M.L.S. (University of Kentucky), M.B.A. (University of Richmond)

**McCulley, G. Lucretia**, *Head, Outreach and Instruction Services*; 1987  
B.A. (Salem College), M.S.L.S. (University of Tennessee at Knoxville)

**McDonald, Leigh H.**, *Head of Cataloging*; 1987  
B.A. (University of Richmond), M.S.L.S. (University of North Carolina)

**Porterfield, Paul C.**, *Head, Media Resource Center*; 1987  
A.B. (Roanoke College), M.S.L.S. (Atlanta University), Ed.S. (Georgia State University)

**Rettig, James**, *University Librarian*; 1998  
B.A., M.A. (Marquette University), M.A. (University of Wisconsin at Madison)

**Scott, Lisa**, *Social Sciences Librarian*; 2001  
B.A. (University of Richmond), M.L.S. (University of Alabama)

**Stevens, Lee Katherine**, *Humanities Librarian*; 1991  
B.A. (University of Richmond), M.A. (University of Virginia), M.S.L.S. (Catholic University of America)

**Whitehead, Marcia E.**, *Humanities Librarian*; 1985  
B.A. (Brown University), M.L.S. (University of Rhode Island), Ph.D. (University of Texas at Austin)

**Williams, Lila E.**, *Systems Administrator/Cataloging Librarian*; 1970  
B.A. (Bridgewater College), M.L.S. (University of Pittsburgh)

**Weimer, Keith**, *Government Information Librarian*; 2001  
B.A. (Allegheny College), M.A., M.L.I.S. (University of Pittsburgh)

**Woodall, Nancy K.**, *Social Studies Librarian*; 1992  
B.A. (University of North Carolina), M.L.S. (University of South Carolina)

## Retired Arts and Sciences Faculty

**Alley, Robert S.**, *Professor of Humanities, Emeritus*; 1963  
B.A. (University of Richmond), B.D. (Southern Baptist Theological Seminary), M.A., Ph.D. (Princeton University)

**Bell, Catherine**, *Registrar of Westhampton College, Emerita*; 1950  
B.A. (University of Richmond), M.A. (Duke University)

**Blick, Kenneth A.**, *Professor of Psychology, Emeritus*; 1967  
B.A., M.A. (University of Richmond), Ph.D. (Tulane University)

**Boggs, John C., Jr.**, *Professor of English, Emeritus*; (1957), 1962  
A.B. (Duke University), M.A., Ph.D. (Columbia University)

**Bogle, Emory C.**, *Associate Professor of History, Emeritus*; 1967  
B.A. (Dakota Wesleyan University), M.A., Ph.D. (University of Maryland)

**Bowen, J. Van, Jr.**, *Professor of Mathematics, Emeritus*; 1968  
B.S. (University of Richmond), M.S., Ph.D. (Virginia Polytechnic Institute)

**Brown, Irby B.**, *Professor of English, Emeritus*; 1959  
B.A. (University of Richmond), M.A., Ph.D. (University of Virginia)

**Bunting, Suzanne K.**, *Professor of Music, Emerita*; 1961  
B.A. (University of Richmond), M.M. (University of Michigan), Student of Hans Vollenweider (Zurich) in organ

**Cardounel, Humberto I.**, *Professor of Spanish, Emeritus*; 1963  
Dr. en Dro., Dr. en C.S.P.E. (University of Havana, Havana, Cuba), M.A., Ph.D. (University of Maryland)

**Chapman, Augusta S.**, *Associate Professor of Health and Sport Science, Emerita*; 1955  
A.B. (Hollins College), M.S. (Smith College)

**Cobbs, H. Bruce**, *Professor of Education, Emeritus*; 1974  
B.A. (Mount Union College), M.Ed. (Texas Christian University), Ph.D. (The Ohio State University)

**Daniel, W. Harrison**, *Professor of History, Emeritus, The William Binford Vest Chair of History, Emeritus*; 1956  
B.A. (Lynchburg College), B.D., M.A. (Vanderbilt University), Ph.D. (Duke University)

**Dawson, Albert C.**, *Professor of Spanish, Emeritus*; 1966  
B.A. (University of Richmond), M.A., Ph.D. (University of Wisconsin)

**Decker, R. Dean**, *Associate Professor of Biology*; 1966  
B.S., M.S. (Purdue University), Ph.D. (North Carolina State University)

**Dickerson, Lynn C., II**, *Professor of English, Emeritus*; 1970  
B.A. (University of Richmond), B.D., Th.M. (Southeastern Baptist Seminary), Ph.D. (Emory University)

**Dickinson, Jean Neasmith**, *Associate Professor of Psychology, Emerita*; (1943), 1963  
B.A. (University of Richmond), M.S. (University of Rochester)

- Dunham, R. Sheldon, Jr.**, *Assistant Professor of German*; 1968  
B.S., Ph.D. (University of North Carolina at Chapel Hill)
- Eicher, B. Keith**, *Professor of Education, Emeritus*; 1971  
B.S., M.S. (Southern Illinois University), Ed.D. (Northern Illinois University)
- Erb, James B.**, *Professor of Music, Emeritus*; 1954  
B.A. (Colorado College), Teaching Certificate in Voice (Vienna State Academy of Music), M.M. (Indiana University), A.M., Ph.D. (Harvard University)
- Gray, Clarence J.**, *Professor of Modern Foreign Languages, Emeritus, and Dean of Administration, Emeritus*; 1946  
B.A. (University of Richmond), M.A. (Columbia University), Ed.D. (University of Virginia), Certificate (Centros de Estudios Historicos, Madrid, Spain)
- Griffin, Barbara J.**, *Director, Graduate School of Arts and Sciences, Associate Dean, School of Arts and Sciences, and Professor of English, Emerita*; 1970  
B.A. (Wichita State University), M.A. (Wayne State University), Ph.D. (Indiana University)
- Hart, Philip R., Sr.**, *Professor of Religion, Emeritus*; 1956  
B.A. (University of Richmond), B.D. (Southern Baptist Theological Seminary), M.A. (Columbia University), Ph.D. (University of Edinburgh)
- Hopkins, Warren P.**, *Director of Counseling and Psychological Services and Associate Professor of Psychology*; 1976  
B.A. (Washington and Lee University), M.A. (Kent State University), Ph.D. (University of Tennessee)
- Horgan, Robert J.**, *Professor of Political Science, Emeritus*; 1967  
A.B., M.A. (University of North Dakota), Ph.D. (University of Notre Dame)
- Humbert, Richard E.**, *Professor of Health and Physical Education, Emeritus*; 1955  
B.A., M.A. (University of Richmond), Ed.D. (Calvin Coolidge College)
- James, Robison B.**, *Professor of Religion, The George and Sallie Cutchins Camp Professor of Bible and Solon B. Cousins Professor of Religion, Emeritus*; 1962  
B.A. (University of Alabama), B.D. (Southern Baptist Theological Seminary), (University of Edinburgh), Ph.D. (Duke University)
- Jordan, E. Williamson**, *Associate Professor of Health and Sport Science*; 1966  
B.A. (University of Richmond), M.Ed. (University of North Carolina)
- Key, Francis**, *Assistant Professor of Mathematics, Emeritus*; 1941  
B.S. (Washington and Lee University) M.A. (Duke University)
- Leftwich, Francis B.**, *Professor of Biology, Emeritus*; 1964  
B.A., M.A. (University of Richmond), Ph.D. (University of Tennessee)
- Lockey, William H., Jr.**, *Associate Professor of Speech Communication and Theatre Arts, Emeritus*; 1963  
B.F.A. (Carnegie Institute of Technology), M.A. (Columbia University), Certificate (University of Birmingham, England)
- MacDonald, Robert A.**, *Professor of Spanish, Emeritus*; 1955  
B.A. (University of Buffalo), M.A., Ph.D. (University of Wisconsin)
- Major, R. Wayne**, *Professor of Physics, Emeritus*; 1966  
B.S. (Denison University), M.S. (Iowa State University), Ph.D. (Virginia Polytechnic Institute)
- Mateer, Richard A.**, *Dean, Richmond College, Associate Dean, School of Arts and Sciences, and Associate Professor of Chemistry*; 1966  
A.B. (Centre College), (University of Kentucky), Ph.D. (Tulane University)
- McMurtry, Josephine B.**, *Professor of English, Emerita*; 1969  
B.A. (Texas Woman's University), Ph.D. (Rice University)
- Monk, Clarence**, *Associate Professor of Mathematics, Emeritus*; 1959  
B.A., B.S. (Emory and Henry College), M.S., Ph.D. (Columbia University)
- Oberg, Charlotte H.**, *Associate Professor of English*; 1970  
B.A., M.A. (University of Richmond), Ph.D. (University of Virginia)
- Pate, Donald W.**, *Associate Professor of Health and Sport Science*; (1973), 1982  
B.S., M.S. (Moorhead State College), Ph.D. (University of Utah)
- Pendleton-Kirby, Catharine C.**, *Assistant Professor of Music, Emerita*; (1963), 1966  
B.Mus. (Woman's College of the University of North Carolina)
- Penninger, F. Elaine**, *Professor of English, Emerita*; 1963  
A.B. (Woman's College of the University of North Carolina), M.A., Ph.D. (Duke University)
- Peple, Edward C.**, *Professor of English, Emeritus*; 1937  
B.A. (University of Richmond), A.M., Ph.D. (Harvard University)
- Powell, W. Allan**, *Professor of Chemistry, Emeritus*; 1952  
B.S. (Wake Forest College), (University of Pittsburgh), Ph.D. (Duke University)
- Rhodenhiser, O. William**, *Professor of Religion, Emeritus, The George and Sallie Cutchins Camp Professor of Bible and The Solon B. Cousins Professor of Religion, Emeritus*; 1955  
B.A. (University of Richmond), Th.M., Ph.D. (Southern Baptist Theological Seminary)
- Robert, Joseph Clarke**, *Professor of History, Emeritus*; 1961  
A.B., LL.D. (Furman University), A.M., Ph.D. (Duke University), Litt.D (Washington and Lee University), L.H.D. (Medical College of Virginia)
- Rilling, John R.**, *Professor of History, Emeritus*; 1959  
B.A. (University of Minnesota), M.A., Ph.D. (Harvard University)
- Rohaly, Kathleen A.**, *Professor of Health and Sport Science and Women's Studies, Emerita*; 1971  
B.S. (Lock Haven State College), M.S. (Pennsylvania State University), Ph.D. (The Ohio State University)
- Rudolf, Homer**, *Professor of Music, Emeritus*; 1976  
B.A. (Jamestown College), M.A. (University of Southern California), Ph.D. (University of Illinois at Urbana-Champaign)
- Ryle, J. Martin**, *Professor of History, Emeritus*; 1964  
A.B. (Furman University), M.A., Ph.D. (Emory University)
- Seaborn, James B.**, *Professor of Physics, The Robert Edward and Lena Frazer Loving Chair in Physics, Emeritus*; (1965), 1970  
B.S., M.S. (The Florida State University), Ph.D. (University of Virginia)
- Stokes, Marion J.**, *Professor of Mathematics, Emerita*; (1950), 1953  
B.A. (Randolph-Macon Woman's College), M.A. (University of Virginia)
- Tarver, Jerry L.**, *Professor of Speech Communication*; 1963  
B.A., M.A., Ph.D. (Louisiana State University)
- Taylor, Elizabeth B.**, *Professor of Mathematics, Emerita*; (1952), 1957  
B.A. (Winthrop College), M.A. (Duke University), Ph.D. (Columbia University)
- Taylor, Jackson J.**, *Professor of Physics, Emeritus*; 1948  
B.S. (University of Richmond), M.S. (Cornell University)
- Thorn, William H.**, *Professor of History, Emeritus*; 1962  
B.A. (DePauw University), Ph.D. (University of Rochester)
- Traynelis-Yurek, Elaine F.**, *Professor of Education, Emerita*; 1980  
B.A., M.A., Ed.D. (West Virginia University)
- Tromater, L. James**, *Professor of Psychology, Emeritus*; 1966  
B.A. (Bethany College), M.A. (University of Illinois), Ph.D. (Texas Christian University)
- Underhill, Frances A.**, *Professor of History, Emerita*; 1964  
A.B., A.M. (University of Michigan), Ph.D. (Indiana University)
- Ward, Harry M.**, *Professor of History, William Binford Vest Professor of History, Emeritus*; 1965  
B.A. (William Jewell College), M.A., Ph.D. (Columbia University)
- Welsh, John D.**, *Professor of Theatre, Emeritus*; 1965  
B.A. (University of Richmond), M.A., Ph.D. (Tulane University)
- Westin, R. Barry**, *Professor of History, Emeritus*; 1961  
B.A. (Grove City College), M.A., Ph.D. (Duke University)
- West, Warwick R., Jr.**, *Professor of Biology, Emeritus*; 1952  
B.S. (Lynchburg College), Ph.D. (University of Virginia)
- Willett, Doris L.**, *Assistant Professor of Mathematics, Emerita*; (1962), 1965  
B.S., M.A. (Western Carolina College), Graduate Study (University of North Carolina), (North Carolina State University), (University of Virginia)
- Wingrove, C. Ray**, *Professor of Sociology, The Irving May Chair in Human Relations, Emeritus*; 1971  
B.A. (University of Richmond), M.A., Ph.D. (University of North Carolina at Chapel Hill)
- Withers, Nathaniel R.**, *Associate Professor of Mathematics and Computer Science*; 1970  
B.S., M.A. (The College of William and Mary), M.S., D.A. (Carnegie-Mellon University)

## Faculty of the School of Business

The year given designates the year of appointment. The year with ( ) is the year of first appointment.

- Altay, Nezhil**, *Assistant Professor of Management Systems*; 2002 (2000)  
B.S. (Bogazici University, Istanbul, Turkey), M.B.A. (University of Texas-Pan American), Ph.D. (Texas A&M University)
- Ashworth, D. Neil**, *Professor of Management Systems*; 1981  
B.B.A. (University of Kentucky), M.Com. (University of Richmond), M.B.A., Ph.D. (University of South Carolina)
- Babb, Harold W.**, *Professor of Marketing*; 1977  
B.S. (University of Richmond), M.S. (Virginia Commonwealth University), Ph.D. (Virginia Polytechnic Institute and State University)
- Clikeman, Paul M.**, C.P.A., C.I.A., *Associate Professor of Accounting*; 1995  
B.S. (Valparaiso University), M.B.A. (University of Chicago), Ph.D. (University of Wisconsin)
- Conover, C. Mitchell**, *Assistant Professor of Finance*; 2000  
B.A. (University of Maryland), M.B.A. (East Carolina University), Ph.D. (Florida State University)
- Cook, Robert Winston, Jr.**, *Associate Professor of Economics*; 1980  
B.A. (University of Richmond), M.A., Ph.D. (Virginia Polytechnic Institute and State University)
- Coombs, Joseph E.**, *Assistant Professor of Management Systems*, 2001  
B.S. (Bridgewater State College), M.B.A. (Suffolk University), Ph.D. (Temple University)
- Cossé, Thomas J.**, *Professor of Marketing and Director of International Business Programs*; 1975  
B.S.B.A. (University of Southwestern Louisiana), M.B.A., Ph.D. (University of Arkansas)
- Coughlan, Richard S.**, *Assistant Professor of Management Systems*; 1998  
B.S. (University of Virginia), M.B.A., M.S., Ph.D. (University of Arizona)
- Craft, Erik D.**, *Associate Professor of Economics*, 1994  
B.A. (St. Lawrence University), M.A., Ph.D. (University of Chicago)
- Dean, David H.**, *Associate Professor of Economics*; 1987  
B.A. (Hobart College), M.A., Ph.D. (Rutgers University)
- Deans, P. Candace**, *Associate Professor of Management Systems*, 2002  
B.S. (University of North Carolina at Chapel Hill), M.Ed. (North Carolina State University), M.B.A. (East Carolina University), Ph.D. (University of South Carolina), M.L.A. (University of Arizona)
- Dolan, Robert C.**, *Professor of Economics*; 1980  
B.A. (Hobart College), M.S., Ph.D. (Rutgers University)
- Earl, John H., Jr.**, C.F.A., C.I.C., C.L.U., C.H.F.C., A.R.M., C.F.P., *Associate Professor of Finance*; 1981  
B.B.A., M.S.B.A. (University of Massachusetts at Amherst), Ph.D. (Arizona State University)
- Eylon, Dafna**, *Associate Professor of Management*; 1994  
B.A. (Tel-Aviv University), Ph.D. (University of British Columbia)

**Fagan, Marbury A. II**, C.P.A., *Director of Software Instruction*, 1994  
B.S., M.B.A. (University of Richmond)

**Geiger, Marshall A.**, *Professor of Accounting*; 2000  
B.S.B.A. (Bloomsburg University of Pennsylvania), M.S., Ph.D. (The Pennsylvania State University)

**Hoyle, Joe Ben**, C.P.A., *Associate Professor of Accounting*; 1979  
B.A. (Duke University), M.A. (Appalachian State University)

**Ireland, R. Duane**, *Professor of Management and W. David Robbins Chair in Strategic Management*, 2000  
B.B.A., M.B.A., Ph.D. (Texas Tech University)

**Lancaster, M. Carol**, *Associate Professor of Finance*; 1989  
B.S.E. (University of Arkansas), M.B.A., D.B.A. (Louisiana Tech University)

**Lascu, Dana-Nicoleta**, *Associate Professor of Marketing*; 1991  
B.A. (University of Arizona), M.I.M. (American Graduate School of International Management), Ph.D. (University of South Carolina)

**Lawrence, Carol M.**, *Associate Professor of Accounting, Associate Dean and M.B.A. Director*; 1996  
B.A. (Washington University), B.S. (Indiana University Southeast), M.B.A., Ph.D. (Indiana University)

**Litteral, Lewis Andy**, *Associate Professor of Management Systems*; 1982  
B.S. (Georgia Southern College), M.S., Ph.D. (Clemson University)

**McGoldrick, KimMarie**, *Associate Professor of Economics*; 1992  
B.S. (State University of New York at Oswego), M.A., Ph.D. (State University of New York at Binghamton)

**Monks, James W.**, *Assistant Professor of Economics*; 2001  
B.A. (Union College), M.A., Ph.D. (Boston College)

**New, J. Randolph**, *Professor of Management*; 1994  
B.S., B.A. (University of Arkansas), M.B.A. (University of Arkansas), Ph.D. (Arizona State University)

**Newman, Karen L.**, *Professor of Management and Dean, Robins School of Business*; 1999  
B.S. (Purdue University), M.B.A., Ph.D. (University of Chicago)

**Nicholson, Robert H.**, *Associate Professor of Economics*; 1972  
B.S. (University of Delaware), M.S., Ph.D. (North Carolina State University)

**North, David S.**, *Assistant Professor of Finance*; 2000  
B.A. (Michigan State University), M.B.A. (University of Notre Dame), Ph.D. (Michigan State University)

**O'Connell, Brendan T.**, *Assistant Professor of Accounting*; 2000  
B.S. (University of Ballarat), Graduate Diploma (Securities Institut. of Australia), Masters of Bus, Ph.D. (Monash University)

**Raines, J. Patrick**, *Professor of Economics, The F. Carlyle Tiller Chair in Business*; 1982  
B.A., M.A., Ph.D. (University of Alabama)

**Ridgway, Nancy M.**, *Associate Professor of Marketing*; 2001  
B.B.A., M.B.A., Ph.D. (University of Texas at Austin)

**Rondeau, Patrick, J.**, C.P.I.M., *Assistant Professor of Management Systems*, 1997  
B.S. (University of Wisconsin-Superior), M.B.A. (Mankato State University), Ph.D. (University of Toledo)

**Sanborn, Robert H.**, *Associate Professor of Accounting*; 1988  
B.A. (The Johns Hopkins University), M.B.A. (Boston University), Ph.D. (University of Georgia)

**Schmidt, Robert M.**, *Professor of Economics, The CSX Chair in Management and Accounting*, 1981  
B.A. (University of Wisconsin-Madison), M.A., Ph.D. (Duke University)

**Schnorbus, Roger**, *Visiting Professor of Management Systems*, 1997  
B.S. (St. Francis College), M.B.A. (Wharton School, University of Pennsylvania)

**Slaughter, Raymond L.**, C.P.A., *Associate Professor of Accounting and the David Meade White Distinguished Teaching Fellow*; 1977  
B.A. (Kentucky State University), M.B.A. (University of Pennsylvania), J.D. (Howard University), LL.M. (The College of William and Mary)

**Stevens, Jerry L.**, C.C.M., *Professor of Finance, The Joseph A. Jennings Chair in Business*; 1987  
B.S. (Southwest Missouri State University), M.S., Ph.D. (University of Illinois)

**Szakmary, Andrew C.**, *Associate Professor of Finance*; 2001  
B.A., M.B.A. (Columbia University), Ph.D. (University of New Orleans)

**Walden, W. Darrell**, C.P.A., *Associate Professor of Accounting*, 1995 (1994)  
B.S. (Virginia Union University), M.S. (Syracuse University), Ph.D. (Virginia Commonwealth University)

**Webb, Kevin L.**, *Assistant Professor of Marketing*; 2001  
B.S. (University of Virginia), M.B.A. (Old Dominion University), Ph.D. (University of North Carolina at Chapel Hill)

**Weisenberger, Terry M.**, *Associate Professor of Marketing and Associate Dean for Undergraduate Business Programs*; 1977  
B.S., M.B.A., Ph.D. (Michigan State University)

**Wight, Jonathan B.**, *Associate Professor of Economics*; 1982  
B.A. (Duke University), M.A., Ph.D. (Vanderbilt University)

**Wright, Richard W.**, *Professor of Management and The E. Claiborne Robins Distinguished Professor of Business*; 2001  
B.A., M.B.A. (Dartmouth College), D.B.A. (Indiana University)

**Yates, Andrew J.**, *Associate Professor of Economics*; 2002  
B.S. (Washington University), M.S., Ph.D. (Stanford University)

## Retired Business Faculty

**Bettenhausen, Albert E.**, *Assistant Professor of Business Administration and Associate Dean, Robins School of Business, Emeritus*; 1971  
B.S., B.A. (University of Richmond), M.B.A. (University of Florida)

**Bird, Francis A.**, C.P.A., *Professor of Accounting, Emeritus*; 1972  
B.S. (Drexel University), M.S., Ph.D. (The Pennsylvania State University)

**Edwards, N. Fayne**, *Professor of Economics, Emeritus*; 1968  
B.S. (Virginia Polytechnic Institute and State University), Ph.D. (University of Kentucky)

**Giese, Thomas D.**, *Professor of Marketing, Emeritus*; 1978  
B.S., M.S. (Southern Illinois University), Ph.D. (University of Mississippi)

**Goodwin, James C., Jr.**, *Professor of Management Systems, Emeritus*; 1976  
B.S., M.B.A. (Louisiana State University), Ph.D. (University of North Carolina)

**Jones, Phillip A., Sr.**, *Professor of Accounting, Emeritus*; 1973  
B.A. (Harpur College), M.A. (State University of New York at Binghamton), Ph.D. (Michigan State University)

**Jung, Clarence R., Jr.**, *Professor of Economics, Emeritus*; 1966  
B.A. (DePauw University), M.A., Ph.D. (The Ohio State University)

**King, Robert L.**, *Professor of Marketing and Director of International Business Studies, Emeritus*; 1990  
B.B.A. (University of Georgia), M.A., Ph.D. (Michigan State University), Doctor Honoris Causa (Oskar Lange Academy of Economics, Wroclaw, Poland)

**Partain, Robert T.**, *Professor of Business Administration, Emeritus*; 1963  
B.B.A., M.B.A. (North Texas State University), Ph.D. (University of Texas)

**Phillips, Robert Wesley**, *Professor of Finance, Emeritus*; 1974  
B.A. (Denison University), M.B.A. (Ohio University), D.B.A. (Indiana University)

**Robbins, W. David**, *Professor of Business Policy, Emeritus; Dean Emeritus of the Robins School of Business; The W. David Robbins Chair of Business Policy*; 1959  
B.A. (North Texas State University), M.B.A. (Northwestern University), Ph.D. (The Ohio State University)

**Rose, John S.**, *Professor of Management Systems, Emeritus*; 1977  
A.B., A.M. (University of Michigan), Ph.D. (Northwestern University)

**Whitaker, David A.**, *Professor of Economics, Emeritus*; 1969  
B.S. (Virginia Commonwealth University), M.S. (Virginia Polytechnic Institute and State University), Ph.D. (University of Florida)

## The Management Institute

**Lawson, Robert G. (Jerry)**, *Associate Professor of Organizational Development*; 1994  
B.A. (King College), M.S., Ph.D. (Virginia Commonwealth University)

**Martin, Mirta M.**, *Director of Management Institute and Associate Professor of Management Development*; 2000  
B.S. (Duke University), M.B.A. (University of Richmond), Ph.D. (Virginia Commonwealth University)

**Meluch, Jeanette M.**, *Associate Professor of Management Development*; 1988  
B.A. (The Ohio State University), M.A. (George Washington University)

## Faculty of the School of Leadership Studies

The year given designates the year of appointment.

**Ciulla, Joanne B.**, *Professor of Leadership Studies, The Coston Family Chair in Leadership and Ethics*; 1991  
B.A. (University of Maryland), M.A. (University of Delaware), Ph.D. (Temple University)

**Faier, Elizabeth A.**, *Assistant Professor of Leadership Studies*; 1999  
B.A. (Cornell University), M.A., Ph.D. (Indiana University)

**Hickman, Gill R.**, *Professor of Leadership Studies*; 1992  
B.A. (University of Denver), M.P.A. (University of California at Los Angeles), Ph.D. (University of Southern California)

**Hicks, Douglas A.**, *Assistant Professor of Leadership Studies and Religion*, 1998  
A.B. (Davidson College), M.Div., (Duke University), Ph.D. (Harvard University)

**Jablin, Fredric M.**, *Professor of Leadership Studies, The E. Claiborne Robins Distinguished Professorship of Leadership Studies*; 1994  
B.A. (State University of New York at Buffalo), M.A. (University of Michigan), Ph.D. (Purdue University)

**Price, Terry L.**, *Assistant Professor of Leadership Studies*; 1998  
B.A. (University of North Carolina-Chapel Hill), M.A. (University of Arizona), M.Litt. (University of Oxford), Ph.D. (University of Arizona)

**Ruscio, Kenneth P.**, *Dean, Jepson School of Leadership Studies*, 2002  
B.A. (Washington and Lee University), M.P.A., Ph.D. (Syracuse University)

**Williams, Teresa J.**, *Associate Dean, Jepson School of Leadership Studies*; 2001  
A.B. (Washington University), M.A.T. (Webster University), Ph.D. (Saint Louis University)

**Wren, Thomas**, *Associate Professor of Leadership Studies*; 1992  
B.A. (Denison University), J.D. (University of Virginia), M.A. (George Washington University), M.A., Ph.D. (The College of William and Mary)

## Awards and Prizes

**The Tanner Award**, founded in 1882 by Colonel William E. Tanner of Richmond, in honor of his parents, John F. and Harriet L. Tanner, is given to the graduate most proficient in Greek.

**The James D. Crump Prize**, founded in 1893 by Mr. Crump, is given annually to a student for excellence in mathematics.

**The J. Taylor Ellyson Award in History**, established in 1912 by Lieutenant Governor J. Taylor Ellyson of Richmond, is given to the student in the Department of History who presents the best piece of original investigation on Virginia or Southern history.

**The Charles T. Norman Awards**, endowed by Mr. Norman in 1922, are given annually to the best graduate in English in Richmond College, and to the best graduate in Business Administration in The E. Claiborne Robins School of Business, as determined by the appropriate faculty in each case.

**The McAdams Prize** was established in 1930 by Colonel Thomas Branch McAdams of Baltimore, for the student in the junior class of Richmond College who has rendered the most outstanding service to the University and to his fellow students. It is awarded by vote of a committee of officials and student representatives.

**The Samuel Chiles Mitchell Award**, an annual cash prize in memory of Dr. Mitchell, is given to the best graduate in history in Richmond College. The award was established by Dr. Jacob Billikopf in 1948 and endowed in 1968 by Mrs. Billikopf.

**The Clara Becker Epps and Lily Becker Epps Award**, an annual cash prize, was established by the Alumnae of Richmond Female Institute - Woman's College of Richmond in honor of Clara Becker Epps and Lily Becker Epps, to be given to the senior, preferably a descendant of an alumna of the R.F.I. - W.C.R. or of Westhampton College, for the outstanding four-year academic record at Westhampton College.

**The Garnett Ryland Award in Chemistry**, established in 1951 by friends, former students, and family of Dr. Ryland, is a cash prize given annually to the outstanding graduating student in Richmond College or Westhampton College majoring in chemistry.

**The Robert Edward Loving Award in Physics**, established in 1954 by the University of Richmond Chapter of Sigma Pi Sigma, is given each year to a senior in Richmond College or Westhampton College on the basis of general academic achievement and promise for advanced study in physics.

**The University Mace Award**, established in 1947 by a gift in honor of Douglas Southall Freeman, Rector, Board of Trustees. Recorded upon this mace in each successive year for a full century, beginning with the session of 1947-48, is the name of the outstanding student of the University of Richmond.

**The Modern Foreign Languages Award**, established in 1957 by the University of Richmond Foreign Film Society and friends, is a prize given annually to the outstanding seniors majoring in the Department of Modern Foreign Languages and Literatures (not more than one award in each language major).

**The Willie M. Reams Award in Biology**, established in 1969 by Dr. Willie M. Reams, Jr. of Richmond, in honor of his father, is given annually by vote of the Department of Biology faculty to the senior who shows outstanding achievement in biology and promise for advanced study.

**The Spencer D. Albright Book Award**, established in 1971 by friends and former students of Dr. Albright, under the sponsorship of Pi Sigma Alpha, is given annually to the outstanding graduate in the Department of Political Science.

**The George Matthews Modlin Award for Student Book Collections**, established in 1971 by the University faculty in honor of Dr. Modlin upon his retirement as president of the University, is given annually to the senior with the best personal library acquired while at the University.

**The J. Stanton Pierce Award**, established in 1971 by friends and former students of Dr. Pierce, is a cash prize given to a junior chemistry major who, in the opinion of the Department of Chemistry faculty, will most likely reflect credit on the University and the Department.

**The Clarence J. Gray Achievement Awards for Excellence in Scholarship and Leadership** were established in 1973 by members of the Class of 1933, Richmond College, in honor and recognition of their classmate and his efforts over the years to encourage outstanding achievement in these fields. These awards, one each in Richmond College, Westhampton College, and The E. Claiborne Robins School of Business, are given annually to the graduating senior in each division who is a member of both Phi Beta Kappa (or Beta Gamma Sigma) and Omicron Delta Kappa (or Mortar Board), as applicable, and who is adjudged to have the outstanding four-year record in scholarship and leadership at the University of Richmond. Recipients are selected by a committee of designated officials and student representatives.

**The Clarence E. Denoon Scholarship Award in the Natural Sciences**, established in 1974 by Dr. Clarence E. Denoon, Jr. in memory of his father, is given annually to a senior for excellence in the natural sciences, as determined by the faculty of the science departments.

**The Roy Jesson Music Prize**, established in 1974 by the friends of Dr. Jesson, is a cash prize given annually to a student of music who excels in performing, conducting, or composing.

**The John Neasmith Dickinson Research Awards for Undergraduates**, established in 1977 in memory of John Neasmith Dickinson by his family and friends, are awarded annually to a biology major and a psychology major to aid in carrying out research projects during the recipients' senior year.

**The Helen Reba Humbert Senior Award**, established in 1977 in memory of Helen Reba Humbert by her family and friends, is given annually to a graduating senior man or woman on the basis of athletic, leadership, and scholastic attributes.

**The Philip Frederick, Jr., Memorial Award in Art**, established in 1981 by Ann P. Frederick, is awarded to a student in studio art or art history on the basis of character, ability, and academic excellence as determined by the departmental chair and faculty of the Department of Art.

**The Margaret L. Ross Award**, established in 1982 by a Westhampton College alumna in memory of Professor Margaret L. Ross, is awarded to the best all-around graduating senior in English in Westhampton College.

**The James W. Jackson Award**, established in 1983 in honor of James W. Jackson, Social Science and Documents Librarian, 1974-1983, is awarded annually to the junior or senior student enrolled in an upper-division course who has completed the most outstanding research paper in education, health and sport science, history, political science, psychology, or sociology.

**The Mary Madison Bowen Award**, established in 1985 by Dr. J. Van Bowen in memory of his mother, a Westhampton College alumna, is given annually to the graduate most proficient in Latin.

**The Priscilla Poteat Humbert Award**, established in 1985 in memory of Priscilla Poteat Humbert by the Department of Health and Sport Science and friends, is awarded annually to a graduating student who exemplifies qualities of humanitarianism, leadership, and scholarship.

**The E. Bruce Heilman Leadership Award**, established in 1986 by the undergraduate student government associations, is awarded annually to a graduating senior who has demonstrated outstanding character and leadership in service to the University.

**The James A. Sartain Award**, established in 1986 by the Department of Sociology in memory of Dr. James A. Sartain, Professor of Sociology, 1963-1986, is awarded to the sociology student who best exemplifies the qualities personified by Dr. Sartain: scholarship, humanitarianism, integrity, and commitment to the ideals of the University.

**The Frances W. Gregory Award**, established in 1987 in honor of Dr. Frances W. Gregory, Professor of History, 1950-1980, is a cash prize awarded to the best graduating senior in history in Westhampton College. Nominations for the award are initiated by the faculty of the Department of History.

**The Joseph C. Robert Award for Achievement in Scholarship and Leadership**, established in 1987 by the Department of History in honor of Dr. Joseph C. Robert, Professor of History, 1961-1971, is awarded to a graduating history major for outstanding scholarship and leadership in the department and University. Nominations for the award are initiated by the faculty of the Department of History.

**The Lynn C. Dickerson Award**, established in 1988 by Dr. Lynn C. Dickerson, is awarded to the outstanding graduating senior in the Department of Religion as determined by the faculty of the Department of Religion.

**The Robert F. Smart Award in Biology**, established in 1988 by Dr. Robert F. Smart, is awarded by the Department of Biology faculty to the Richmond College or Westhampton College junior or senior biology major for the most outstanding research proposal for summer research.

**The Jackson J. Taylor Best Senior Seminar in Physics Award**, established in 1989 in honor of Professor Jackson Johnson Taylor, Professor of Physics, 1948-1986, by the Taylor and Hesch children to recognize the student judged by the faculty of the Department of Physics to have presented the best senior seminar.

**The Bobby Chandler Awards in Art and Music**, established in 1989 by Mr. Homer H. "Kip" Kephart in memory of Mr. Bobby Chandler, are cash prizes awarded each to an outstanding art major and to an outstanding music major as selected respectively by the faculty of the Department of Art and by the faculty of the Department of Music.

**The Computer Science Prize**, established in 1990 by Mary Church Kent and Joseph F. Kent, is a cash prize awarded annually to the outstanding graduate in computer science as determined by the faculty of the Department of Mathematics and Computer Science.

**The Philip R. Hart Prize**, established in 1991 by friends and former students of Dr. Hart, awarded by the Department of Religion to an undergraduate student whose scholarly attainment in the study of religion and achievement in student leadership stand in the tradition of those contributions and commitments of Professor Hart.

**The Renée Elmore Memorial Scholarship**, established in 1993 in memory of Miss Renée Elmore by the Class of '93 and her parents and friends, supports current and future UR students in their progress toward graduation. This scholarship is unique in that students wrote the criteria, raised the money, and select the recipient each year. Miss Elmore would have graduated with the Class of 1993.

**The James MacGregor Burns Award**, established in 1994 by Mr. and Mrs. Robert S. Jepson, Jr. is given to a graduating senior in recognition of his or her accomplishments as a student in the Jepson School of Leadership Studies. The winner of the award has demonstrated an outstanding grasp of knowledge associated with leadership studies, excelled in his or her studies at the University generally, been actively involved in service to the school, University, and community, shown an ability to generalize and apply leadership theory and research in unique and imaginative ways, and has displayed the capacity to both lead others and help others lead themselves.

**The Hesch Award**, established in 1995 by the family of Dr. C. J. Hesch, is awarded annually to an outstanding student who has made significant contributions to the music department through participation in ensembles, applied lessons, and/or classes.

**The R. E. Loving Book Awards**, granted annually by the Epsilon Chapter of Virginia of Phi Beta Kappa, are presented to the student from Richmond College and the student from Westhampton College with the best academic records based upon the first four semesters of work.

**The Alpha Kappa Psi Scholarship Key** is awarded annually by the Delta Zeta Chapter of Alpha Kappa Psi to the senior student pursuing a degree in The E. Claiborne Robins School of Business who has attained the highest average for the two years of collegiate work.

**The Ernst & Young Awards** are given to the outstanding junior and senior in accounting.

**The Virginia Society of Certified Public Accountants Award** is given to the outstanding graduate in accounting.

**The Wall Street Journal Award** is presented annually by the Finance Department of The E. Claiborne Robins School of Business to a graduating senior in recognition of sustained interest and scholarly achievement in business.

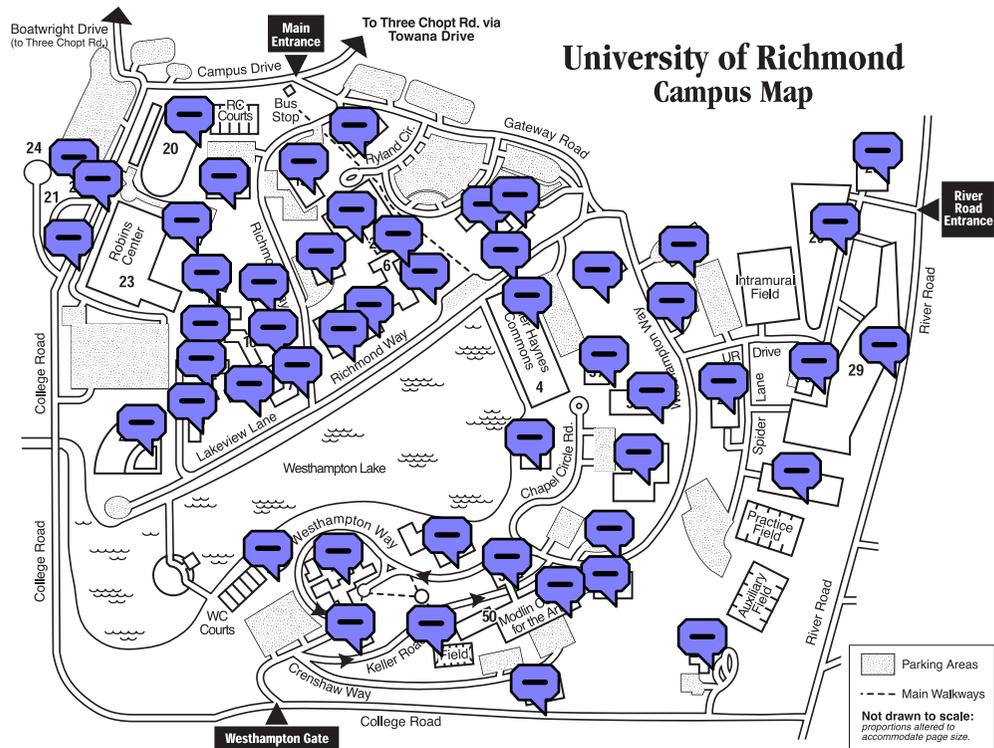
**The William L. Lumpkin Track Leadership Award**, established in 1997 in memory of Dr. William L. Lumpkin, by University of Richmond alumni on the 1948-49 cross country team coached by Dr. Lumpkin, awarded to an undergraduate member of the track team based on outstanding academic and athletic performance and citizenship.

**The Robert L. Taylor Award for Excellence in Economics**, established in 1997 in memory of Robert L. Taylor by Dr. and Mrs. Robert L. Taylor, Jr. and their children, Rachel and Rebecca, awarded to a graduating senior who demonstrates academic excellence through the highest overall grade point average in Economics.

**The Austin E. Grigg and Helen W. Grigg Award for Excellence in Psychology**, established in 1998 in memory of Austin E. Grigg and Helen W. Grigg by their son and friends, awarded to the graduate who best combines academic excellence, leadership, and outstanding promise in the field psychology.

## INDEX

- Academic Advising, 28  
 Academic Calendars, 3-4  
 Academic Standing, 40-41  
 Academic Honor Statute, 21  
 Academic Deficiencies, 40-41  
 Academic Opportunities and Support, 28  
 Academic Procedures, 33-44  
 Academic Programs, 50  
 Academic Reports, 38-39  
 Academic Schools, 9-10  
 Academic Skills Center, 28  
 Acceptance of Credit, 39-40  
 Accounting, 154, 156-167, 160-161  
 Accreditation, 6-7  
 Activities, 23-24  
 Administration, 172  
 Admission, 11-14  
 Advanced Credit for Veterans, 34  
 Advanced Placement, 33  
 Advising, Academic, 28  
 Alcoholic Beverages, 22  
 Allied Fields Option, 85  
 American Studies, 57-60  
 Anthropology, 139  
 Applied Music, 123  
 Art and Art History, 60-64  
 Arts Management, 119, 121-122  
 Arts Technology, 119, 121  
 Astronomy, 65  
 Athletics:  
   Intercollegiate, 24  
   Intramural and Club, 24  
 Attendance, Class, 36  
 Auditing Courses, 35  
 Automobiles, 23  
 Awards and Prizes, 184-185  
 Bachelor of Arts, 51-52  
 Bachelor of Science, 52-53  
 Bachelor of Science in  
   Business Administration, 154-157  
 Biochemistry, 65  
 Biology, 65-69  
 Board of Trustees, 171  
 Bookstore, 26  
 Business Administration, 154-160  
 Business School of (see School of Business,  
   Robins)  
 Campus Map, 188  
 Campus Security Policy, 22-23  
 Campus Recreation, 24  
 Campus Visits, 11  
 Calendars, Academic (2002-2004), 3-5  
 Career Development Center, 19  
 Change of Registration,  
   Course or Section, 35  
 Chaplaincy, 19-20  
 Charges, 15-16  
 Chemistry, 69-72  
 Chinese, 112-113  
 Class Attendance, 36  
 Class Standing of Students, 40  
 Classical Civilization, 72-73  
 Classical Studies, 73-75  
 Classwork, Limits of, 35  
 Clubs and Organizations, 23-24  
 College Level Examination Program  
   (CLEP), 33-34  
 Commencement Attendance, 42-43  
 Comparative Literature, 85, 151  
 Complaints and Grievances, 26  
 Computer Science, 106-107  
 Computing Facilities, 8-9  
 Conduct, Standards of, 22  
 Confidentiality, 27  
 Contents, 2  
 Coordinate Education, 10  
 Core Course, First-Year, 45, 51, 57  
 Costs, Tuition, Room and Board, 15  
 Counseling and Psychological Services  
   (CAPS), 20  
 Course Administration, 36-40  
 Courses of Instruction:  
   School of Arts and Sciences, 50-153  
   School of Business, 154-168  
   School of Leadership Studies, 169-170  
 Creative Writing Program, 53  
 Credit by Examination, 33-34  
 Credit System, Academic, 38-39  
 Criminal Justice, 75-76  
 Dance (see Theatre and Dance)  
 Dean's List, 40  
 Deferred Payments, 16  
 Degree Requirements, Summary of, 48-49  
 Degrees and Requirements:  
   School of Arts and Sciences, 50-53  
   School of Business, 154-159  
   School of Leadership Studies, 167-168  
 Degree with Honors, 43  
 Deposit Upon Acceptance, 16  
 Dining Services, 24-26  
 Directory, 171  
 Disability Accommodations, 20  
 Drugs, 22  
 Early Admission, 12  
 Early Decision, 12  
 Economics:  
   School of Arts and Sciences, 77-79  
   School of Business, 161-163  
 Education, 79-84  
 Engineering Programs, 53, 69-70  
 English, 84-90  
 Environmental Studies, 90-91  
 Evaluation in Courses, 37-38  
 Examinations, 37  
 Expository Writing, 45  
 Faculty, Listing of:  
   Arts and Sciences,  
     active, 172-179  
     retired, 179-181  
   Management Institute, 183  
   School of Business,  
     active, 181-182  
     retired, 183  
   School of Leadership Studies, 183  
 Fields of Study, 46-47  
 Finance, 157-158, 163-164  
 Financial Affairs, 15-18  
 Financial Aid, 17-18  
 First-Year Core Course, 45, 51, 57  
 Food Service, 24-26  
 Foreign Languages:  
   Classical, 73-75  
   Modern, 111-118  
 Fraternities, Social, 23-24  
 French, 111, 113-114  
 Full Time Status, 35  
 Geography, 91-92  
 General Education Curriculum, 44-49  
 German, 111, 114-115  
 Grade Point Average, 38  
 Grading Policies, 38  
 Graduate School of Business, 10  
 Graduate School of Arts and Sciences, 9  
 Graduation Requirements:  
   Application, 42  
   Attendance at Commencement, 42-43  
   Curriculum and Achievement, 41  
   Financial and Administrative  
     Responsibility, 42  
   Honors, 43  
   Time Limits, 41  
   Work at the University, 42  
 Graduate Study, 43  
 Grants, 17-18, 56  
 Greek, 73-75  
 Greek Social Organizations, 23-24  
 Grievances, 26  
 Health Services, 20-21  
 Health Center, Student, 20-21  
 Historical Studies, 46  
 History, 92-96  
 History of the University, 7  
 Holidays, University, 36-37  
 Home-Schooled Students, 13-14  
 Honor Code Statute, 21  
 Honor Societies and Organizations, 23-24  
 Honor System, Richmond College, 21-22  
 Honor System, Westhampton College, 21-22  
 Honors, Degree, 43  
 Housing, Student, 23  
 Identification Card, 26  
 Information Services, 7-9  
 Intercollegiate Athletics, 24  
 Interdisciplinary Colloquia, 96-97  
 Interdisciplinary Concentrations Within  
   Disciplinary Majors, 150-153  
 Interdisciplinary Programs, 54-55  
 Interdisciplinary Studies, 96-97  
 International Admission, 13  
 International Education, 29-32  
 International Student Advising, 32  
 International Studies, 97-104  
 Internship Program, 55, 57  
 Italian, 112, 115  
 Japanese, 112, 115  
 Jepson School (see School of Leadership  
   Studies)  
 Jewish Studies, 104-105  
 Jobs, 17-18  
 Journalism, 105-106  
 Language Across the Curriculum, 54  
 Late Payment Fee, 16  
 Late Registration Fee, 16  
 Latin, 74  
 Latin Honors, Degree with, 43  
 Law, The T. C. Williams School of, 7  
 Leadership Studies (see School of Leader-  
   ship Studies)  
 Librarians, 179  
 Library Resources, 7-8  
 Licensure of Teachers, 79-81  
 Limits of Work, 35  
 Literary Studies, 46  
 Loans, 17-18  
 Majors, Academic:  
   Declaration of, 42  
   School of Arts and Sciences, 57-153  
   School of Business, 154-166  
   School of Leadership Studies, 167-170  
 Management Systems, 164-165  
 Marketing, 165  
 Marine Studies, 56, 66, 70  
 Masters Degree, Early Beginning, 43, 56  
 Mathematics, 106-109  
 Meal Plans, 24-26  
 Medieval and Renaissance Studies, 85,  
   152-153  
 Military Leadership and Science, 109-110  
 Minor Option, 56  
 Modern Languages and Literatures, 111-118  
 Molecular Biology, 65  
 Motorized Vehicles, 23  
 Multicultural Affairs, 20  
 Music, 118-123  
 Natural Science, 47  
 Neuroscience Interdisciplinary Concentra-  
   tion, 153  
 Oral Communication, 45  
 Organizations, Student, 23-24  
 Pass-Fail Option, 35-36  
 Payments, 16  
 Philosophy, 123-125  
 Physics, 125-127  
 Policies, University, 21-23  
 Political Science, 127-130  
 Prerequisites, Course, 35  
 Privacy, Right to, 27  
 Prizes, Awards and, 184-185  
 Professional Accounting, 156-157  
 Professional Studies, Degree Credit for, 53  
 Programs, Special, 53-56  
 Psychology, 130-134  
 Psychological Services, Counseling and, 20  
 Readmission to the University, 41  
 Refund Policy, 17  
 Registration Policies, 34-36  
 Religion, 134-137  
 Religious Activities, 19-20, 23-24  
 Religious Holidays, 4-5  
 Religious Organizations, 23-24  
 Repeated Courses, 36  
 Research Grants, Undergraduate, 56  
 Residence Life, 23  
 Rhetoric and Communication  
   Studies, 137-138  
 Richmond College, 7, 10  
 Right to Privacy, 22  
 Room Reservations, 23  
 Russian, 116  
 Scholarships, 17-18  
 School of Arts and Sciences, 50-56  
   Curriculum Requirements, 50-53  
   Curricula, 57-153  
 School of Business, Robins, 154-160  
   Accreditation, 6-7  
   Admission Requirements, 14  
   Courses of Instruction, 154-166  
   Degree Requirements, 154-160  
   Description, 9-10  
   Faculty, 181-183  
   Major Fields, 156-160  
   Portfolio/Personal Development  
     Program, 154  
   The Richard S. Reynolds Graduate  
     School of Business, 10  
 School of Leadership Studies,  
   Jepson, 167-170  
   Admission Requirements, 14  
   Courses of Instruction, 167-170  
   Degree Requirements, 167-168  
   Description, 10  
   Faculty, 173  
 Second Undergraduate Degree:  
   Concurrent Second Degree, 44  
   Consecutive Second Degree, 43-44  
 Social Analysis, 47  
 Sociology, 139-141  
 Sororities, Social, 24  
 Spanish, 111, 116-118  
 Special Fees, 15  
 Speech Center, 28  
 Speech Communication (See Rhetoric and  
   Communication Studies)  
 Standards of Conduct, 22  
 Statement of Purpose of the University, 6  
 Student Employment, 17-18  
 Student Financial Aid, 17-18  
 Student Government, 24  
 Student Health Center, 20-21  
 Student Life Services, 19-23  
 Student Teaching, 80, 84  
 Studio Art, 62-64  
 Study Abroad, 30-32  
 Study Abroad, Summer, 39  
 Symbolic Reasoning, 47  
 Teacher Preparation, 79  
 Teachers, Licensure of, 80-81  
 Terms of Payment, 16-17  
 Theatre and Dance, 142-145  
 Time Limits, 41  
 Transfer Credit, 34  
 Transfer Admission, 12-13  
 Trustees, Board of, 171  
 Undergraduate Colleges, 9  
 Undergraduate Research Program, 56  
 University of Richmond, 6-10  
 Urban Practice and Policy, 145-147  
 Vehicles, Motorized, 23  
 Veterans, Advanced Credit for, 34  
 Visiting Away Programs, 55-56  
 Visiting Student Status, 39  
 Visual and Performing Arts, 47  
 Wellness Program, 147  
 Westhampton College, 7, 10  
 WILL Program, 29  
 Withdrawal from Class, 35  
 Withdrawal from the University, 17  
 Women's Studies, 148-149  
 Work Taken Elsewhere:  
   Abroad, 39  
   In the United States, 39, 42  
 Writing Center, 28



Admission **18**  
 Alice Haynes Room **4**  
 Alumni Office **49**  
 Arts & Sciences Dean **5**  
 Boatwright Memorial Library **5**  
 Booker Hall of Music **38**  
 Bookstore **4**  
 Brunet Memorial Hall **18**  
 Bursar's Office (Student Accounts) **18**  
 Business Office **3a**  
 Business School **1**  
 Camp Concert Hall **38**  
 Campus Ministries Center **37**  
 Cannon Memorial Chapel **36**  
 Career Development Center **3b**  
 Center for Career Planning **31**  
 Chancellor's Office **5**  
 Chaplain's Office **37**  
 Counseling and Psychological Services (CAPS) **3b**  
 Data Systems Administration **16**  
 Deanery **33**  
 Dennis Memorial Hall **13**  
 E. Carlton Wilton Center for Interfaith Campus Ministries **37**  
 E. Claiborne Robins School of Business **1**  
 Financial Aid **18**  
 Fraternities **22 & 24**  
 Freeman Hall **10**  
 Gottwald Science Center **35**  
 Graduate School Dean **5**  
 Gray Court **39**  
 Gumenick Academic/Administrative Quadrangle **3**  
 Heilman Dining Center **34**

Human Resource Services **8**  
 Information Services **17**  
 International Education **5**  
 International House (Atlantic House) **21a**  
 Jenkins Greek Theatre **41**  
 Jepson Alumni Center **49**  
 Jepson Hall **17**  
 Jepson School of Leadership Studies **17**  
 Jepson Theatre **50**  
 Jeter Memorial Hall **15**  
 Keller Hall **43**  
 Law Residence Hall **21**  
 Law School **19**  
 Law School Alumni Office **19**  
 Lora Robins Court **32**  
 Lora Robins Gallery of Design from Nature **5**  
 Management Institute **31**  
 Marsh Art Gallery **50**  
 Marsh Hall **11**  
 Maryland Hall **3a**  
 Media Resource Center **5**  
 Military Science **16**  
 Millhiser Gymnasium **16**  
 Modlin Center for the Arts **50**  
 Moore Memorial Hall **12**  
 North Court **40**  
 North Court Reception Room **40**  
 Perkinson Recital Hall **40**  
 Phonathon Center **28**  
 Pitt Baseball Field **25**  
 Political Science **8**  
 Power Plant **26**  
 President's Home **44**  
 President's Dining Room **4**  
 President's Office **3a**

Printing Services **28**  
 Puryear Hall **3c**  
 Registrar **18**  
 Richmond College Dean **51**  
 Richmond Hall **3b**  
 Robins Center **23**  
 Robins Center Pool **23**  
 Robins Memorial Hall **14**  
 Ryland Halls  
 Robert Ryland Hall **2a**  
 Charles H. Ryland Hall **2b**  
 School of Continuing Studies **31**  
 Services Building **28**  
 Soccer/Track Complex **20**  
 South Court **42**  
 Special Programs Building **31**  
 Student Affairs **4**  
 Student Health Center **31**  
 Thalheimer Guest Cottage **33**  
 Thomas Memorial Hall **7**  
 Tyler Haynes Commons **4**  
 University Facilities **27**  
 University Forest Apartments **29**  
 University of Richmond School of Law **19**  
 University Police **31**  
 University Post Office **5a**  
 University Relations **3a**  
 University Services **27**  
 Virginia Baptist Historical Society **6**  
 Westhampton College Dean **33**  
 Whitehurst **51**  
 Wood Memorial Hall **9**