



UNIVERSITY OF RICHMOND

ACADEMIC SCHOOLS

School of Arts and Sciences
The E. Claiborne Robins School of Business
Jepson School of Leadership Studies

RESIDENTIAL COLLEGES

Richmond College
Westhampton College

FOR INFORMATION

University of Richmond, Virginia 23173
(804) 289-8000

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Student Affairs
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ACADEMIC
CALENDARS

RICHMOND

ACADEMIC CALENDAR, 1996-97*

FALL SEMESTER 1996

- Aug. 22, Thur. School of Arts and Sciences:
New students arrive; begin
orientation
- Aug. 25, Sun. Arts and Sciences, Business,
Leadership Studies: All students
arrive
- Aug. 24-25, Sat.-Sun. Registration/problem resolution
for entering students
- Aug. 27, Tues. Classes begin, 8:15 a.m.
- Sept. 2, Mon. Labor Day (classes meet)
- Sept. 13, 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, 8:15 a.m.
- Nov. 26, Tues. Thanksgiving break begins after
classes
- Nov. 27, Wed. Residence halls close, noon
- Dec. 1, Sun. Residence halls open, 10 a.m.
- Dec. 2, Mon. Classes resume, 8:15 a.m.
- Dec. 11-18, Wed.-Wed. Fall term examination period
- Dec. 18, Wed. Fall term ends
- Dec. 19, Thurs. Residence halls close, noon

SPRING SEMESTER 1997

- Jan. 12, Sun. Residence halls open, 10 a.m.
- Jan. 6-9, Mon.-Tues. Registration of new and readmitted
students
- Jan. 13, Mon. Classes begin, 8:15 a.m.
- Feb. 7, Fri. Last day to file for May/August
graduation, if not filed earlier
- Mar. 7, Fri. Spring break begins after classes
- Mar. 8, Sat. Residence halls close, noon
- Mar. 16, Sun. Residence halls open, 10 a.m.
- Mar. 17, Mon. Classes resume, 8:15 a.m.
- Apr. 28-May 3, Mon.-Fri. Spring term examination period
- May 3, Fri. Spring term ends
- May 11, Sun. Baccalaureate Service and Spring
Commencement

ACADEMIC CALENDAR, 1997-98*

FALL SEMESTER 1997

Aug. 21, Thurs.	School of Arts and Sciences: New students arrive; begin orientation
Aug. 24, Sun.	Arts and Sciences, Business, Leadership Studies: All students arrive
Aug. 23-24, Sat.-Sun.	Registration/problem resolution for entering students
Aug. 26, Tue.	Classes begin, 8:15 a.m.
Sept. 1, Mon.	Labor Day (classes meet)
Sept. 12, Fri.	Last day to file for May/August graduation
Oct. 10, Fri.	Last day of classes prior to Fall break (Residence halls remain open)
Oct. 15, Wed.	Classes resume, 8:15 a.m.
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, 8:15 a.m.
Dec. 11-17, Thur.-Wed.	Fall term examination period
Dec. 17, Wed.	Fall term ends
Dec. 18, Thurs.	Residence halls close, noon

SPRING SEMESTER 1998

Jan. 11, Sun.	Residence halls open, 10 a.m.
Jan. 5-8, Mon.-Thur.	Registration of new and readmitted students
Jan. 12, Mon.	Classes begin, 8:15 a.m.
Feb. 6, Fri.	Last day to file for May/August graduation, if not filed earlier
Mar. 6, Fri.	Spring break begins after classes
Mar. 7, Sat.	Residence halls close, noon
Mar. 15, Sun.	Residence halls open, 10 a.m.
Mar. 16, Mon.	Classes resume, 8:15 a.m.
Apr. 27-May 2, Mon.-Sat.	Spring term examination period
May 2, Sat.	Spring term ends
May 10, Sun.	Baccalaureate Service and Spring Commencement

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





THE UNIVERSITY OF RICHMOND

Commitment

The University of Richmond's educational program is committed to providing a nurturing environment rich in opportunities for personal engagement. Our fundamental aim is to offer our students a distinctive experience of engagement that fosters in them a love of learning, an appreciation of intellectual and cultural life, and an involvement with the community. The opportunity for learning through engagement is brought about by the unique interaction among the quality of our student experience, the wise use of our resources, and the dedication of our faculty to excellence in teaching and scholarship. We are committed to the development of students who understand the nature of intellectual inquiry.

The goal of the University's academic programs is not simply to impart knowledge. Instead, we seek to instill in our students attitudes, values, habits of mind, and an appreciation of intellectual and cultural experience which will cause them to be thoughtful and critically reflective throughout their lives. We also seek to provide strong foundations in analytic and problem-solving skills and in ethical and social responsibility upon which graduates build during the course of their lives. To this end, we seek to provide a context that promotes both the development of intellectual curiosity and a strong commitment to the value of learning for its own sake. The love of learning, the desire to pursue ideas, and the recognition of the need to think in a complex manner about intellectual questions should become so ingrained in our students that these characteristics become life-long attributes which influence how our graduates live and think.

Identity

The University of Richmond is a small, independent, privately-endowed, undergraduate university with a law school and several master's degree programs. As one of the 50 or so most selective colleges in the country, we offer comprehensive academic programs for men and women in the areas of liberal arts and sciences, business, leadership studies, and law. The University combines the structure of a university with the intimacy of a college, offering students the best of many worlds. Related to the Baptist General Association of Virginia and dedicated to the development of the whole person, Richmond is committed to serve individuals of all faiths and persuasions, without regard to race, sex, age, physical handicap, or national origin.

Richmond is a place of possibility. The University's small size leads to rich opportunities for students to draw heavily on all of the University's resources in faculty, staff, facilities and equipment. Supported by exceptional commitment from alumni, faculty, administration, and staff, both financial and service, students benefit from a strong commitment to constant improvement. At a time when many institutions of higher education are facing serious budgetary problems, Richmond's exceptional financial strength continues to allow it to grow and mature, strengthened always by a continuing commitment to excellence.

Educational Objectives

~ To cultivate in students the interest, capacity, and skills necessary for independent intellectual inquiry and life-long learning

- ~ To convey to students a representative portion of that body of knowledge that has accumulated and endured through the history of cultures
- ~ To encourage and aid students in the development of basic beliefs, values, and attitudes
- ~ To assist students in selecting and preparing for careers and for study in graduate and professional schools
- ~ To foster in students personal habits that contribute to health and physical fitness

In order 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, understanding of basic aspects of human culture, extensive knowledge of at least one area of study, and physical exercise
- ~ A faculty dedicated primarily to excellent teaching and dialogue with students, while remaining actively engaged in scholarly, scientific, and artistic creativity
- ~ A diverse, largely full-time and residential student body that participates in a broad range of University activities
- ~ The essential resources for learning, such as libraries, laboratories, studios, computers, and audiovisual facilities and materials
- ~ Opportunities for social commitment and public service, internships, travel

and study abroad, and other appropriate learning experiences outside the campus

- ~ A program of varied social, spiritual, and physical activities that provide occasions for growth, fun, and fellowship
- ~ An administration that preserves and enhances the University's environment and resources, and that represents the institution to the broader community it serves.

Organization and Accreditation

Five academic schools and two residential colleges are incorporated to 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 about 2,900 full-time undergraduates, 93% of whom live on campus; some 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 to offer Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, Bachelor of Liberal Arts, and Bachelor of Applied Studies degrees at the undergraduate level; Master of Arts, Master of Science, and Master of Business Administration degrees at the graduate level; and the Juris Doctor degree at the professional level. The University also is certified by the Virginia State Board of Education to offer teacher licensure programs. Various departments and divisions have more specialized accreditation. Included in this category are the music program, accredited by the National Association of Schools of Music, and the chemistry program, accredited by the American Chemi-

cal Society. In addition, The E. Claiborne 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 campus consists of some fifty major buildings, of impressive Collegiate Gothic architectural style, set amid three hundred fifty acres of lawns, lake, and woodlands. Richmond is in a setting of beauty and harmony suggesting an able future as a seminary, later becoming a continuation of the deep roots of its past. Indeed, 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, for evening, summer, and continuing education (1962), now called the School of Continuing Studies; and the Jepson School of Leadership Studies, the first school of leadership studies in the United States (1989). In 1990, the academic missions of Richmond College and Westhampton College were combined in a separate school, the School of Arts and Sciences. Richmond College and Westhampton College are the residential colleges for men and women respectively, providing special programming and leadership opportunities in student life.

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

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 400,000 volumes; nearly 1,650 social sciences, humanities, fine arts, and business periodicals; microform collections; and a number of CD-ROM 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 CD-ROM, 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 E. Claiborne Robins School of Business, located on the second floor of Boatwright Library. The Center provides reference services to the campus and to the Richmond business community, and contains an extensive reference collection and a number of CD-ROM 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, subscribes to over 900 journals and several CD-ROM databases.

The libraries provide individual and group instruction, conduct classes in research methodology, and conduct on-line searches accessing numerous databases. The online catalog, UR ONLINE, 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.

The Virginia Baptist Historical Society's library contains the finest collection of early Baptist materials in the South. Housed in a separate wing of Boatwright Memorial Library, the Society's facility is designated as a memorial to the Virginia Baptists who struggled to secure religious liberty in America. The library holdings include some 18,000 books by and about Baptists, 5,000 manuscripts, and over 400 collections of personal papers. The Society is the repository of Virginia Baptist church records and over 3,100 original 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 computer needs of students and faculty for instruction, teaching, and research purposes are the responsibility of University Computing.

The principal computing facility is located in Jepson Hall. The entire ground floor of the building is dedicated to computer services and places a focus on computer technology within the classroom. There are three teaching labs (IBM and Macintosh) each equipped with 24 student PC systems, and two public PC labs with a total of 100 computer stations (Macintosh, IBM, Unix, NeXT, and Vax terminals).

The University's faculty are supported by a separate lab which houses a wide variety of computing equipment and software for use in research and course development programs.

The labs and classrooms in Jepson Hall are part of a data network incorporating the Novell Netware. An ethernet communications backbone connects all major, on-campus instructional buildings and residence halls, and provides an effective communication and information network. A two-year project to upgrade the campus-wide network to provide greater access and improved services was completed at the end of 1995.

University Computing labs are open seven days per week, with dial-in capabilities offered 24 hours a day. A staff of 36 is available for consultation and assistance during regular University hours. In addition, an expansive Help Desk and student/faculty microcomputer purchase programs are available.

The Undergraduate Colleges

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

The Academic Schools

School of Arts and Sciences

The School of Arts and Sciences enrolls about 2,500 men and women and offers the Bachelor of Arts and the Bachelor of Science degrees in a wide range of subjects in the liberal arts and sciences. The Bachelor of Music degree is offered for those who wish to pursue intensive study in music. The Arts and Sciences faculty also provides instruction in the Graduate School of Arts and Sciences leading to master's degrees in nine areas.

Students beginning their college careers are admitted to the School of Arts and Sciences. Those interested in earning degrees in business or accounting, or leadership studies are required to be prepared in the liberal arts and sciences and be admitted for their junior and senior years to one of the schools described below. Others will con-

tinue in the School of Arts and Sciences to complete the studies they have chosen.

The E. Claiborne Robins School of Business

The E. Claiborne Robins School of Business enrolls about 350 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 is offered with majors in accounting or business administration. The business administration major has several areas of emphasis which students may pursue. Once a student declares his or her major, The E. Claiborne Robins School of Business provides a number of internal activities in which that student may participate, including its own student government and honor council. 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.

The School of Business faculty also provides instruction in the Master of Business Administration degree program of The Richard S. Reynolds Graduate School of The E. Claiborne Robins School of Business.

Jepson School of Leadership Studies

The Jepson School of Leadership Studies enrolls about 80 men and women, offering the Bachelor of Arts degree with an interdisciplinary 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 Residential Colleges

The University seeks to provide education on a human scale through its three academic schools and its two residential colleges for undergraduates. 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 residential college irrespective of whether the student lives in a residence hall or not. The organization of residential colleges by gender clearly affords a basis for sharing common experiences and life issues. Richmond College, the residential college for men, and Westhampton College, the residential college for women, offer their 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 co-educational curricular and cocurricular experience.

The coordinate colleges offer a ready way to focus on the important theme of gender development 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 residential college has its own dean and staff, student government, activities and traditions, and 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, a body, or a set of emotions or 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 residential colleges combine the benefits of a coeducational academic experience with the advantages of a single-gender experience. The greater number and variety of co-curricular 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 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.

Admission to any school of the University of Richmond is based on qualifications

and space availability, and is without regard to race, color, age, religion, national origin, or disability.

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. 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 schedule for admission conferences and tours during the academic year follows. Plans to visit the campus may be made by calling an appointment secretary in the Office of Admission, (804)289-8640 or (800)700-1662.

M, W, F 9:30 a.m. 1:45 p.m.

T, R 10:30 a.m. 1:45 p.m.

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

While the admission process does not include a personal interview, a 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.

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). It is strongly recommended that a classical or modern foreign language SAT-II test be submitted for placement or exemption purposes. American College Testing (ACT) scores may be submitted in lieu of the SAT-I and the two SAT-II scores.

Application for admission may be made on either the Common Application Form or on the University of Richmond application form. The non-refundable \$40 application fee must accompany the application for admission.

Admission Plans

Regular Admission

The application deadline for regular admission is February 1; 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, 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 non-refundable deposit to confirm their admission to the University of Richmond. Deferred candidates' applications will be reconsidered under the regular admission plan. 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 three years of secondary school and wish to begin college study at the end of the junior year.

The program is limited to students who have completed all the college entrance requirements in three years, and who demonstrate unusually strong college preparation through their secondary school record and SAT I and two SAT II scores. (It is recommended that early admission candidates have a personal interview with an admission officer either by telephone or in person.) Further information may be obtained from the Office of Admission.

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 is February 15 for fall enrollment or November 1 for spring enrollment. The applicant must file an application form, pay the \$40 non-refundable 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:

- (a) Secondary school credits
- (b) College record
- (c) 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-* (1.7). The acceptance of courses in which a *C-* (1.7) 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 (grades 9, 10, 11, and 12) study 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 academic university in the United States or abroad. Refer to the "Transfer Admission" section above.

In addition to test requirements described in Transfer Admission 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 English as a Second Language (ESL) tutorials during summer and the academic year, applicants must demonstrate English proficiency prior to enrolling.

School of Business

The E. Claiborne 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 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 or Business Administration. 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 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)

Health and Physical Activity

It is strongly recommended that a student complete the BSBA requirements (ACCT 201-202, ECON 101-102 and BUAD 293) during the first two years on campus. During the last two years in The E. Claiborne 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.

For further information, please feel free to contact:

The Dean's Office

*The E. Claiborne Robins School of Business
University of Richmond, Virginia 23173*

Telephone: (804)289-8550

School of Leadership Studies

The Jepson School of Leadership Studies offers an interdisciplinary course of study for students who want to major in leadership studies. This program is offered only to third- and fourth-year students.

Students 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 Selection Committee.

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

Admission Requirements

A student must satisfactorily have completed 60 semester hours of approved academic work which meet the following requirements:

~ General Education requirements as established by the School of Arts and Sciences for the Bachelor of Arts degree.

~ **LDSP 201 Foundations of Leadership Studies 3 sem. hrs.**

~ Electives to bring the total to at least 60 semester hours.

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



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 residential colleges, are focal points in student life matters. For the University, the offices are centers for closely knit smaller communities within the whole.

On a more personal level, a student may find the dean or staff member serving as a counselor, advisor, mentor, or collaborator.

If questions remain after reading the Student Life section of this catalog, a dean's office 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.

Services

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 her or his academic advisor regularly to plan an academic program and review achievement.

By the end of the sophomore 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 choice and responsibility for one's actions reside with the individual, academic advisors are indeed resource persons. The final decisions and responsibility remain with the student.

Advising: 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, 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 tax advising, cultural and social activities.

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.

Career Development Center

The Career Development Center, located on the ground level of Richmond Hall, provides comprehensive career ser-

vices for undergraduate and graduate students. Its mission is to assist students in identifying and implementing self-determined and realistic educational and career goals. Staff members provide individualized career counseling and help students develop a systematic approach to the job or graduate school search. Programs are held throughout the year on such topics as self-assessment, choice of major, job search skills, and diversity in the workplace. Outside speakers regularly participate in career seminars designed to educate students about careers and job search skills.

The Center houses a Career Resources Library containing a variety of print and audiovisual materials on career fields, internships and summer jobs, and graduate education. Other resources in the Library include Sigi-Plus, a computerized career guidance system, and an alumni advising network containing information about more than 600 UR alumni/ae who are willing to discuss their careers with current students.

The Center sponsors the On-Campus Interview Program, which each year attracts over 200 employers to the UR campus to interview rising seniors for full-time positions. Additionally, the University participates in graduate and professional school day, which typically attracts graduate programs from around the country. The Center also coordinates Career Expo, a job fair held at the beginning of the second semester.

Chaplaincy

Religious activities center in the Office of the Chaplaincy, which is easily accessible in the E. Carlton Wilton Center for Interfaith Campus Ministries. Though the institution is related to the Baptist General Association of Virginia, the University is interested in the spiritual needs and growth of all of its students regardless of faith or belief. This is appropriate because the religious groups represented in the student body are many and diverse.

There are numerous denominational organizations for students of various faiths: Jewish, Christian, Muslim, and other. 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.

The Chaplaincy office 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.

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, immunizations, and a self-care center.

Students living on campus are eligible for the services provided by the Student Health Center, because the cost of these services is included in the housing fee. Student Health Center privileges are available to off-campus students for an optional 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.

Hours of operation (subject to change) are from 8:00 a.m. to midnight, 7 days a week, during which time registered nurses are on duty. The telephone number is (804) 289-8064 and the FAX number is (804) 287-6466.

The doctors maintain regular office hours Monday through Friday. If a physician's services are required after office hours or on the weekend, an off-campus referral to a private facility will be made.

Upon arrival at the Student Health Center, each patient must first be evaluated by the nurse who will advise the proper treatment for the patient's medical complaint. If the evaluation indicates a medical need, an appointment with the doctor will be made. All doctors' appointments are made only after evaluation by the nurse except for annual gynecological examinations, doctor-requested follow-up visits, allergy shots, influenza and MMR immunizations, and PPD tests.

Allergy shots are given by appointment on weekdays during specified hours. Detailed instructions from the allergy doctor must accompany the allergy serum. The fee for each allergy visit is \$5, and is payable at the time of the visit.

Immunizations—MMR (measles, mumps, rubella), hepatitis B, influenza, etc.—can be obtained at the Health Center. The fee is payable at the time of the injection and is based on the cost of the serum. The same holds true for 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 commu-

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

Richmond College Honor System

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 cer-

emony 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 meaning 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 pro-

cedures 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. Further information concerning this act is available from the Office of the University Registrar.

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 be-

havior 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.

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 all undergraduate women is arranged by the Housing Coordinator of Westhampton College; arrangements for all 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 all 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 have married student housing.

There are five residence halls for women on the Westhampton College campus. For men, the Richmond College campus has eight residence halls. In addition, townhouse apartments accommodate upper-level students from all undergraduate schools.

Residence hall rooms generally house two students, but there are a few 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 and the Residence Hall Association. 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 are provided. The University has opportunities for leadership and community service as well as for cultural, recreational, social, and spiritual interests. There are weekly events of bands,

comedians, single artists, disc jockeys, and the Tucker-Boatwright Festival, which brings to campus outstanding figures in the literary and artistic world. Academic departments and programs sponsor many lectures, concerts, and plays. These activities combined with academic pursuits contribute to the formation of the well-rounded individual.

Organizations

There are approximately 180 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 other publications, theater productions, performing music ensembles, and the student-operated radio station.

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

The Greek social system comprises approximately half of the full-time undergraduate student body. There are presently ten 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 opportunities for the campus community. Campus Recreation has six components: informal recreation; aerobics and fitness; intramurals; outdoor adventure; special events; and sport clubs.

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 400-meter track. More than 30 stretching, toning, and aerobic dance-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 co-recreational divisions at varying competitive levels. Thirteen 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.

Intercollegiate Athletics

In intercollegiate athletics, the University of Richmond is a member of the National Collegiate Athletic Association Division I.

The University fields men's teams in eleven sports, including Division I AA football in the Yankee Conference and Division I basketball in the Colonial Athletic Association (CAA). Other men's sports in the CAA are baseball, cross country, golf, soccer, swimming, track (indoor and outdoor) and tennis. The men's water polo team competes in the Southern Water Polo League. Women's intercollegiate athletic teams compete in the CAA in basketball, cross country, soccer, swimming, track (indoor and outdoor), and tennis. Field hockey and lacrosse teams compete in the South Atlantic Field Hockey and Lacrosse Conference. The women's synchronized swimming team competes under the auspices of the United States Synchronized Swimming Association.

Student Government

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

Food and Auxiliary Services

The main food 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 The

Pier restaurant, 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.

First-Year and Sophomores - Required

19-Meal Plan includes three meals per day Monday through Friday. Saturday and Sunday service is brunch and dinner. (Automatically included with the residence hall assignment.)

Juniors and Seniors - Options

Returning juniors and seniors who will be living in the residence halls will be given the opportunity to sign up for the 19, 14 or 10 meal plan during a defined time in the previous semester. If an option is not elected during the sign up period, and a change is not initiated by the deadline for changes, the student will automatically be assigned his/her meal plan option from the previous semester.

19-Meal Plan: All meals served weekly under the 19-Meal Plan schedule

14-Meal Plan: Any 14 meals per week under the 19-Meal Plan schedule

10-Meal Plan: Any 10 meals per week under the 19-Meal Plan schedule

5-Meal Plan: Any 5 meals per week under the 19-Meal Plan schedule. This meal plan is only for students living off campus or in the University Forest Apartments.

Changes in Meal Plan

Once a selection has been made, juniors or seniors 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 Food and Auxiliary Services Office by the published deadline.

After the deadline, a change can be made only with the approval of the Director or Associate Director. 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 Spidercard 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 E. Claiborne Robins School of Business.

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

All University students may sign up for the University's Spidercard, a declining balance program which allows students to access previously deposited funds via their University ID card. The Spidercard allows students the ability to make purchases without carrying cash and can be used by all students at Edible Bites, the Bookstore, 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 Spidercard at The

Pier restaurant and the Heilman Dining Center. Students will be mailed information each semester for Spidercard sign up. A minimum initial deposit is required. Complete information on the Spidercard is available in the University's Spidercard brochure.

Please refer to "A Guide for Services and Facilities, Dining Services" 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 E. Claiborne 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.

FINANCIAL AFFAIRS

Fees: 1996-97 Schedule	Semester	Year
General Fee 12 - 19 semester hours inclusive	\$8,285.00	\$16,570
Over 19, fewer than 12: per hour	830.00	
Housing (per student)		
Double occupancy:		
air-conditioned rooms	\$772.50	\$1,545
non-air-conditioned rooms	760.00	1,520
Lora Robins Court	822.50	1,645
If available or if assigned:		
single occupancy: <i>add</i>	150.00	300
triple or quadruple occupancy: <i>deduct</i>	(12.50)	(25)
University Forest Apartments	872.50	1,745
Mailbox rental fee	19.00	38
Telecom Fee		
Basic telephone service and basic cable television	\$85.00	170
Does not include monthly toll charges or premium cable channels		
Meal Plans		
19-Meal Plan	\$1,025.00	\$2,050
14-Meal Plan	1,005.00	2,010
10-Meal Plan	985.00	1,970
5-Meal Plan	492.50	985
Special Fees		
Applied Music - per course, non-majors only		
Individual instruction	\$240.00	
Examination, special: each examination	20.00	
ID card replacement: each occurrence	15.00	
Cap and gown (at senior year)	10.00	
Campus vehicle permit (spring semester only: \$25)		\$50
Registration, change: per transaction	10.00	
Registration, late (<i>payable before matriculation</i>)	50.00	
General Fee Payment, late - Fee will be assessed up to:	50.00	
Optional Fees		
Student Health Service	\$45.00	\$90
Cable Television		
Cable Channel 1	40.00	80
Cable Channel 2	40.00	80

(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 preceding 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 1997-98 school year and will be announced as soon as possible.**

Payments

Inquiries concerning payments should be directed to the Office of Student Accounts, phone (804) 289-8147.

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:

*Office of Student Accounts
Box R
University of Richmond, Virginia 23173*

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 1 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 which normally are credited to the student's account in the appropriate category. 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 Knight College Resource Group, Tuition Management Systems, and Academic Management Services. These three firms represent one of several sound alternatives for financing a student's education. Information is mailed to students from these companies in April.

Many parents and students may prefer to arrange financing through their local banks or other sources; but if there is interest in Knight College Resource Group, Tuition Management Systems, or Academic Management Services, further information is available upon request from the University's Office of Student Accounts.

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. Maximum late payment fee each semester is \$50.

- ~ Each student who fails to make satisfactory arrangements for the first-semester fees by the close of business on the first day of fall classes.
- ~ Each student who fails to make satisfactory arrangements for the second-semester fees by the close of business on the first day of spring classes.

Late Registration Fee

A late registration fee of \$50 must be paid by:

- ~ Each student who fails to complete registration for the first semester by the close of business on the day before the first day of fall classes.
- ~ Each continuing student who fails to complete registration for the second semester by the close of business on the registration day specified for students continuing in the spring.
- ~ Each new or readmitted student who fails to complete registration for the second semester by the close of business on the day before the first day of spring classes.

Refunds

Inquiries concerning refunds should be directed to the Office of Student Accounts, phone (804) 289-8147.

Deposit Refund

General Fee Deposit

The General Fee deposit is non-refundable.

Housing Deposit

For new students: The Housing deposit is non-refundable.

For continuing students: The Housing deposit is non-refundable once a room has been selected or assigned.

General Fee, Room and Board Refund

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 following schedule. This schedule is prorated for summer terms. Refunds are made first to any financial program the student may be receiving, then to any University unsettled account, and then to the student.

Continuing and Readmitted Students

	General Fee and Room Refund	Board Refund
Withdrawal before classes begin	100% less deposits	100%
Withdrawal during first week of classes	75%	Prorated
Withdrawal during second week of classes	60%	Prorated
Withdrawal during third week of classes	45%	Prorated
Withdrawal during fourth week of classes	30%	Prorated
Withdrawal during fifth week of classes	20%	Prorated
Withdrawal during sixth week of classes	10%	Prorated
Withdrawal after sixth week of classes	None	None

Entering and Transfer Students

as required by Public Law 668.22

	General Fee and Room Refund	Board Refund
Withdrawal before classes begin	100% less deposits	100%
Withdrawal during first week of classes	90%	Prorated
Withdrawal during second week of classes	85%	Prorated
Withdrawal during third week of classes	80%	Prorated
Withdrawal during fourth week of classes	75%	Prorated
Withdrawal during fifth week of classes	70%	Prorated
Withdrawal during sixth week of classes	65%	Prorated
Withdrawal during seventh week of classes	60%	Prorated
Withdrawal during eighth week of classes	55%	Prorated
Withdrawal during ninth week of classes	50%	Prorated
Withdrawal during tenth week of classes	45%	Prorated
Withdrawal after tenth week of classes	None	None

Appeals Process

The University of Richmond has an appeals process for students and parents who believe individual circumstances warrant exceptions from published policy. All appeals must be in writing and directed to Anne Marie Hellman, Assistant Controller, Box R, University of Richmond, VA 23173.

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 designed for those families who are unable to pay the full cost of a college education. The **merit scholarships** are provided in recognition and support of noteworthy academic achievement. These merit scholarships are 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 FAFSA must be filed

each year and the student must meet certain standards of satisfactory academic progress as outlined by the Financial Aid Office.

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. While the total amount of aid offered is based upon an assessment of financial need, the type and mix of aid is influenced by the student's ability. Thus students with superior academic records and potential will have a greater proportion of grant than loan in their aid package than will those students with records not as strong.

There are a number of merit scholarship programs, some of which pay full tuition, room and board. Students are usually either nominated for these scholarships or are selected from the pool of applicants for admission. Separate merit scholarship applications may be required.

The Virginia Tuition Assistance Grant is awarded to those students who are residents of Virginia. In 1995-96 grants were awarded in the amount of \$1,500. Applications are sent from the Admissions 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.

For further information about the various financial aid programs, contact the Financial Aid office (804-289-8438) with questions about need-based aid, or call the Office of Admission (804-289-8640) with questions about merit scholarships.



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 E. Claiborne 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 offers several credit by examination options. A maximum of 30 semester hours of credit by examination may be applied to a University of Richmond degree.

A. Advanced Placement

The University of Richmond participates in the Advanced Placement program of the College Entrance Examination Board. Successful candidates for admission who have

taken Advanced Placement examinations may have the test results evaluated for college credit. 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 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 University's

Counseling and Psychological Services office. Information on current University policies relating to CLEP may be obtained from the Office of the University Registrar.

Note: CLEP no longer offers examinations with essays, but departmental-designed essays in addition to CLEP scores are required by many departments within the University, in order for exemption or credit to be awarded.

C. Credit By Local Examination

Credit by local examination may be used to satisfy general education requirements in the areas of communication skills, health, 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 for credit Higher Level exams in the International Baccalaureate (IB) program. Generally, the University awards credit for scores of 5, 6 or 7 on a Higher Level examination recognized by the academic department concerned. 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 the physical activity component (HSS2) of the Health and Physical Activity General Education Requirement and 2 semester hours in Military Science.
2. A veteran who has served more than one year on active duty shall receive

credit for the physical activity component (HSS2) of the Health and Physical Activity General Education Requirement and 4 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 at the University of Richmond. Moreover, the coursework must have been taken at an institution or institutions accredited by a regional accrediting agency at the time the work was taken, and a grade or equivalent of C- (1.7) 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.

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 Requirements, pages 51-54.

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 stated in the Schedule of Classes, which is published each semester by the University 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

Before beginning a course, a student is expected to have fulfilled the stated course prerequisites, if any. A student who does not have the prerequisites may be denied registration or 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 – 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 part-time and are not entitled to athletic ticket books or student publications.

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 only
(Not available to undergraduate Business and Leadership Studies students.)

An Arts and Sciences student who has completed at least 60 semester hours of academic work may opt for one course per semester to be graded on a Pass/Fail basis. The course may not be used to satisfy any degree requirement other than total hours of credit and, if taken in the major or minor, may not be used to satisfy requirements for either. 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 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 pro-

posed 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, laboratory periods, and drill sessions of the courses in which he or she is enrolled. However, the specific attendance policy in each course of study is to be determined by the instructor of the course. The specific attendance policy for each course will be announced and distributed to the students at the beginning of the course. Faculty members should honor an official request from the appropriate dean to excuse a student for participation in a University-sponsored event, such as choral performances off campus, intercollegiate athletic events, judicial hearings at which the student must be present, etc.

A student may be held responsible for the work of a class or laboratory missed during an absence. Acceptance of any excuse for an absence, and any provision for make-up, will be at the discretion of the instructor (consistent with the announced policy for the course). Missed classes, work, or tests may result in a poorer grade, or failure, in the course. Students enrolled in School of Business courses must attend at least 75 percent of the meetings of a course to be eligible to receive credit in the course.

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

Grading Policies

The level of students' 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 has not been received 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 the value of one 50-minute class-hour of work a week through a nominal 14-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 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 and the student grade report. The information included is the record of the student's registration and grades, with such other information as may be deemed important. All courses taken at the University of Richmond become a part of the permanent academic record.

Work Taken Elsewhere

This section pertains to students who wish to take academic work elsewhere while actively pursuing a degree at the University of Richmond. (Individuals admitted as transfer students, please see the Advanced Standing section above.)

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 and 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 non-accredited 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 are expected to 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 next chapter, International Education.

Acceptance of Credit

Study Abroad/Richmond-Sponsored 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: Australia, Austria, Costa Rica, the European Union, France, Greece, Japan, Spain, Russia, Venezuela, and Zimbabwe. All of the above are summer programs administered through the University of Richmond Summer School office.

Other Programs

Credit will be awarded for pre-approved coursework in which a grade, or equivalent, of *C-* (1.7) or better has been earned. Credit for *C-* (1.7) 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, but excluding physical activity courses. The standings are:

First-year	0 - 23.9 hours
Sophomore	24 - 53.9 hours
Junior	54 - 83.9 hours
Senior	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

The student must complete at least 12 earned hours for the semester, with not more than one grade of *C* (2.0) and no grade below *C* (2.0), and at least the following term grade point average in relation to the term GPA hours: 3.70 for 8 to less than 15 GPA hours, or 3.50 for 15 or more GPA hours.

School of Business

The student must complete at least 12 earned hours for the semester, with not more than one grade of *C* (2.0) and no grade below *C* (2.0), and at least the following term

grade point average in relation to the term GPA hours: 3.60 for 12 to less than 15 GPA hours, or 3.20 for 15 or more GPA hours.

School of Leadership Studies

The student must complete at least 12 earned hours for the semester, with not more than one grade of *C* (2.0) and no grade below *C* (2.0), and at least the following term grade point average in relation to the term GPA hours: 3.60 for 8 to less than 15 GPA hours, or 3.40 for 15 or more GPA hours.

Intermediate Honors

Intermediate Honors are conferred upon third-year students who, during their first two years at the University of Richmond, have completed at least 60 semester hours of academic work, 52 of which must have been completed at the University, and have earned an average of at least three grade points for every hour attempted.

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:

First-year (0 - 23.9 hours passed)	1.50 GPA
Sophomore (24 - 53.9 hours passed)	1.70 GPA
Junior (54 - 83.9 hours passed)	1.85 GPA
Senior (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 maximum of 14 semester hours of work attempted in which to achieve the minimum requirement. Otherwise he or she will be suspended from the School of Arts and Sciences or 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 in courses beyond the Foundations of Leadership Studies will be placed automatically on academic probation. While on academic probation a student's partici-

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

pation 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.

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 122 semester hours, not including physical activity courses. A candidate for the Bachelor of Music degree must complete 128 semester hours, not including physical activity courses. 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 cata-

log 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. Multiple majors and/or minors also may be pursued, and upon completion will be recorded on the permanent academic record. 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. 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 coursework in one or more of the undergraduate schools of the University, excluding physical activity courses. The work of the senior year is 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

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

School of Business

Cum Laude	3.20 - 3.49
Magna Cum Laude	3.50 - 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.

The 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.

The 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 39 under Graduation, including the 60 hour residency requirement.

A student who completes the requirements for the consecutive degree is ineli-

gible for Latin honors, and will not be assigned a graduating class rank.

The 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 152 semester hours of academic work (158 if one of the degrees is the Bachelor of Music) 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.

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 are attentive to those 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 for all.

The Academic Programs sections following this chapter offer particulars about programs in the School of Arts and Sciences, The E. Claiborne 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. international relations 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/or in International Studies, an interdisciplinary and cross-cultural program administered by the Director of International Education. (See pages 102-110) The curricula of The E. Claiborne Robins School of Business and the Jepson School of Leadership Studies include a number of courses which are international in scope. The E. Claiborne 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.

In addition to work within each of the schools, 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 the administration of the International Studies major, advising students on study abroad opportunities and procedures, 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, and 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 faculty and 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 also able to participate in such organizations as the Asian Students Association, Multicultural Student Union, International Club, Model United Nations, and Amnesty International. Familiarization with other countries and cultures is enhanced on campus through contacts with a growing number of international students who are fully integrated into the life of the University. For example, in addition to their active participation in classes and student life, advanced undergraduate and some graduate students from various coun-

tries regularly conduct drill sessions in their native languages. Informal chats sponsored by the International Houses 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 dormitories, there are two International Houses that are home to U. S. and international students. Programs planned and executed by students living in the International Houses are open to the whole University community.

The rapidly growing international student population has recently included representatives from Argentina, Australia, the Bahamas, Belgium, Brazil, Bulgaria, China, Colombia, Costa Rica, Ecuador, El Salvador, France, Germany, Ghana, Great Britain, Haiti, Hong Kong, Iceland, India, Iran, Jamaica, Japan, Kazakhstan, Kenya, Korea, Mexico, Pakistan, Panama, Peru, Romania, Russia, Singapore, Spain, Taiwan, Tanzania, Trinidad, Ukraine, Uruguay and other countries.

Study Abroad

Direct experience of cultures is the best way to learn to communicate across barriers of language, custom, 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 also of themselves.

It is important to stress that study abroad is possible for all students, regardless of the major. And while some believe that proficiency in a foreign language is necessary

for study abroad, it is, in fact, possible to study in English, in such countries as Australia, New Zealand, the UK, South Africa, Ghana, Kenya, Jamaica and others, and even in non-English speaking countries where courses in English are offered. 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, sociology, philosophy, etc.) in English.

When deciding when and for how long to study abroad, students have a variety of alternatives. There are opportunities to study for the year, a semester, or a summer, and in either the sophomore, junior, or even the senior year. For most students, study abroad in the junior year is the best choice.

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 Chile to Italy and Australia. Living arrangements span from dormitories with local students, to home-stays and independent apartments. While study abroad has long been recognized as a significant component of a liberal arts education, today students in the sciences 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 direct exchanges with universities in Great Britain (Universities of Bath, Bristol, Queen Mary-Westfield University of London, East Anglia, Lancaster, Warwick, and Edinburgh); in Germany (Universities of Münster and Konstanz); in Spain (Universidad de Deusto, San Sebastián); in Argentina (Universidad Blas Pascal, Cordoba and Universidad Torcuato Di Tella, Buenos Aires); in France (Universités de Paris III, V, VI, VIII, X, XI, XII, XIII, École Normale Supérieure, École des Hautes Études Politiques et Sociales, Écoles des Hautes Études Internationales, École Supérieure de Journalisme); and in Australia (Curtin University of Technology). Additional exchange relations are currently being developed in Ghana, Italy, Ireland, Mexico, Turkey and other countries. The University's membership in the Associated Colleges of the South offers a number of additional options. With prior approval, students may also enroll in and transfer credits from programs administered by other institutions.

During the summer, the University of Richmond sponsors a number of study abroad programs directed by Richmond faculty. There are programs in Austria, Australia, Costa Rica, Czech Republic, Hungary and Poland, European Community, France, Greece, Japan, London, Romania, Russia, Spain, and Zimbabwe. And new ones are always being created.

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.

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 pre-approved. Please see pages 37-38 for additional administrative information. For information on financial aid for study abroad see the financial aid office.

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 student 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 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.

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 convey the basic knowledge and habits needed to live a healthy life through two Health and Physical Activity requirements, and
- ~ to familiarize students in a meaningful way with some of the major approaches to intellectual and cultural life through a series of Fields-of-Study requirements.

This curriculum is offered by a faculty that sees general education as fundamental to its mission. Through its various general education courses, the faculty intends to incorporate each and every student into a community of learners who value and practice the life of the mind. Beginning with their general education courses and continuing through the courses in their major, their elective courses, and their various 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 co-curricular 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 Speech 101, through the Department of Speech Communication, Theatre and Dance. 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. With the exception of the Core Course, however, there is no single 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. Health and Physical Activity (HSS1 and HSS2)

In keeping with the University's objective of fostering knowledge and personal habits that contribute to health and personal fitness, every undergraduate at the University of Richmond is required to take a two-credit course on Dimensions of Wellness and to take one non-credit physical activity course during his or her undergraduate career. The academic course on wellness covers a variety of important health-related topics such as nutrition, principles of fitness, the cardiovascular system and heart disease, eating disorders, dependency, stress and stress management, weight control, sexually transmitted diseases, and behavior modification. To derive the earliest benefit from this course and from the physical activity course, it is strongly urged that they be taken in the first or second year of matriculation.

IV. 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, except in the natural science, is three. In natural science, as explained below, students must earn four academic credits in each of two different sciences.

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. Such studies will enable students to understand the values of disparate societies and cultures, as well as the interrelationships among ideas, institutions, and events, as they have developed over time. In requiring that students pass an approved course in this field of study, the faculty wants students to establish a foundation for creating their own understanding of past societies and cultures, based upon the critical use of sources and evaluation of evidence.

Literary Studies (FSLT)

Literary studies are concerned with verbal texts that are read as structures of mean-

ing. The central activity of literary studies is textual interpretation, or the analysis of how such structures of meaning are constructed by writers and readers. In requiring a course specially designed and approved to satisfy this requirement, the faculty wants students to learn that textual interpretation can be guided by diverse and often competing theories and methodologies, and can be supported by various 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.

Natural Science (FSNB, FSNC, FSNP)

Natural science is concerned with the physical universe, from subatomic to cosmic levels of organization. It covers everything from inanimate forces to living systems. Through the generation and testing of hypotheses regarding repeatable, measurable, and verifiable phenomena, natural scientific inquiry is one of our major means of understanding the world in which we live. For this reason and because of the generally low state of science literacy, which is reflected in the reluctance of many students to take elective courses in the natural sciences, the faculty has decided to require Richmond students to take 4-credit laboratory-based courses in any two of the three areas of natural science represented at the University, namely biology, chemistry, and physics. Besides adding to students' knowledge of the world and their understanding of the methods and challenges of doing science, the faculty hopes that these courses will enhance their appreciation of the beauty of science.

Social Analysis (FSSA)

Social analysis is the systematic study of individual and social behavior. This field of study involves a self-conscious examination of what are generally taken-for-granted as-

sumptions regarding the nature of social life. It draws upon a variety of approaches, both theoretical and empirical, in order to discern patterns of meaning in behavior. In establishing social analysis as a required field of study, the faculty decided that the focus of courses in this area must be on human behavior in particular. They also want these courses to familiarize students with a variety of theories and methods of analysis.

Symbolic Reasoning (FSSR)

Symbolic reasoning emphasizes symbolic problem solving, a process that includes translating problems into terms that can be treated within a symbolic system, understanding the rules by which information may be used to obtain solutions, recognizing important principles governing the application of these rules, and judging the appropriateness of known methods of solution to a particular problem. It is also distinguished by the attention it gives to logical consistency and by its wide range of applicability. In requiring the passing of an approved course in this field of study, the faculty aims not only at helping students to develop the basic skills needed to use one or more symbolic systems, but also to stimulate their ingenuity in translating problems into appropriate symbolic terms and to foster their confidence and ability to pursue such problems to their valid solution.

Visual and Performing Arts (FSVP)

The study of the visual and performing arts involves scrutiny of the forms, traditions, meanings, and historical contexts of works in various visual and performance media. It also involves exploration of issues pertaining to the methods, processes, and personal resources integral to the production and appreciation of such works. In requiring a course in this field of study, the faculty hopes that by investigating and perhaps even experiencing the creation and interpretation of works of art, students will develop a heightened understanding of art as both an artistic and intellectual achievement. Supplementing approaches typical in other fields of study, such courses should

demonstrate that people are as powerfully and profoundly influenced by what they hear, see, and feel as by the collection of ideas that they store in their minds.

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 insure 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, Biology
- *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
- HSS1 - Health: Dimensions of Wellness
- HSS2 - Physical Activity

***Note:** The natural science field-of-study requirement consists of two semesters of science from two different subject areas.



ACADEMIC PROGRAMS



SCHOOL OF ARTS AND SCIENCES

CURRICULUM REQUIREMENTS

The School of Arts and Sciences offers Bachelor of Arts, Bachelor of Science, and Bachelor of Music degree programs.

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

No School of Continuing Studies course may be used to meet general education requirements.

See also the previous section entitled "Repeated Courses."

*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.

*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.

Bachelor of Arts

I. General Education Requirements

Courses used to satisfy the First-Year Core Course, the Communication Skills, and the Health and Physical Activity 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 and the Health and Physical Activity 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 test in English
- (2) Presenting a score on the CEEB English Achievement Test or the SAT-II Subject Test 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, or presenting a score of 5 or 4 on a Modern Foreign Language or Latin Advanced Placement test
- (2) Presenting a score on the CEEB Language Achievement Test or 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

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

D. Health and Physical Activity

A student may satisfy this degree requirement by passing Health and Sport Science 150, Dimensions of Wellness, and satisfactorily completing one non-academic sport science activity, excluding Intercollegiate Activity courses.

E. 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 Curriculum Committee and the faculty of the School of Arts and Sciences as meeting these requirements.

Courses meeting general education requirements are designated in this catalog following the course description, as well as in the Schedule of Classes.

Summary of General Education Requirements

First-Year

Core Course, *6 credits*

Communication Skills

Expository Writing, *3 credits*

Foreign Language, *up to 12 credits*^a

Oral Communication^b

Health and Physical Activity

Dimensions of Wellness, *2 credits*

Activity class, *non-credit*

Fields of Study

Historical Studies, *3 credits*

Literary Studies, *3 credits*

Natural Science, *8 credits*

Social Analysis, *3 credits*

Symbolic Reasoning, *3 credits*

Visual and Performing Arts, *3 credits*

Total: *up to 46 credits*

^a Variable credits; may be satisfied by a demonstration of proficiency upon entrance to the University.

^b Incorporated into Core Course and as described above.

II. Requirements for the Major

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

*Subject area refers to coursework listed under a single specified rubric as published periodically in the Schedule of Classes by the Office of the University Registrar.

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, Health and Sport Science 150, 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.

Note: See *Changes in Catalog Information* on page 40.

**Students interested in earning more than one undergraduate degree should refer to "The Second Undergraduate Degree" on pages 41-42.

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 acceptably the Advanced Placement Test.

II. Requirements for the Major

The provisions listed under the B.A. degree apply. The B.S. degree is offered only in biology, chemistry, computer science, health, interdisciplinary studies, mathematics, physics, psychology, and sport science. 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.

Bachelor of Music

The Bachelor of Music degree does not require the general education requirements which pertain to the B. A. and B. S. degrees. Of the hours required for graduation, at least 80 semester hours must be taken

within the Department of Music, and a minimum of 30 semester hours must be taken outside the Department of Music.

All music majors require the following minimum semester hours within the Department of Music:

Applied major	12 hours
Music theory	16 hours
Music history	6 hours
Instrumental or vocal organizations	6 hours
Accompanying and ensemble (except voice majors)	4 hours
Senior Seminar	2 hours

All music majors require the following courses outside the Department of Music:

Core Course	6 hours
English composition (expository writing)	3 hours
Physical Education	2 hours

Please see requirements specified in Health and Sport Science under "Curricula."

Foreign Language: French, German, Italian, Japanese, Russian, or Spanish through the 122 or 202 level, or equivalent.

Academic elective courses outside of music sufficient to bring the total to at least 30 semester hours.

For differences in the major requirements for the degree, consult Music under "Curricula."

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 sophomore 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

- (3) At the end of the junior 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.

Program Opportunities

Academic Skills Improvement

Academic Skills Center (see page 18)

The Media Resource Center (MRC) in Boatwright Library has a videotape program that helps a student make the successful transition to college level work and teaches the vital techniques necessary to excel in today's challenging and competitive college environment. The program, entitled "College Success Video," covers such topics as time management, note taking, highlighting textbooks, test-taking strategies, study habits, adjusting to college life, and preparing for tests. The tape may be viewed in the MRC.

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 faculty and 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.

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 here and at other universities, 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.

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 course work 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.

Interdisciplinary Studies

Under the general supervision of two faculty advisors and the Coordinator of Interdisciplinary Studies, an interdisciplinary major is offered. The interdisciplinary major provides a student the opportunity to design 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 Boatwright Library. Applications are to be submitted to the Coordinator of Interdisciplinary Studies by April 1 of the sophomore year. At least a 3.00 cumulative grade point average is recommended.

In addition to the interdisciplinary major, international studies major, and the disciplinary programs listed in the Curricula section of this catalog, the University offers five interdisciplinary studies programs within the Bachelor of Arts degree. They are American Studies, Classical Civilization, Criminal Justice, Urban Studies, and Women's Studies. Further information is available from the Program Coordinators listed under each program.

International Studies

International Studies is a cross-cultural, interdisciplinary major offered within the Bachelor of Arts degree. The major comprises seven areas of concentration, of which the student selects one. The concentrations are Africa, German Studies, International Economics, Latin America, Modern Europe, 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.

Please see also the immediately preceding chapter, International Education.

page 41 for further details.

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.

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

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 research projects in a variety of ways such as purchase of materials and equipment, travel or other such expenses, 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; however, in each 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 departmen-

tal 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 the 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.

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 individually and collectively 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 programs (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," "Women in Modern Literature," a WILL internship, a sophomore and senior WILL seminar, and a women's studies elective.

WILL seeks members who have demonstrated high academic achievement, leadership potential, and an interest in women's issues. Applications are accepted from first-year women in October of each year, and thirty new members are selected in early November prior to spring registration.



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. However, certain two-semester courses have a note in the description stating that both semesters of the course must be taken to receive credit toward graduation for either. 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 Practicums are not included in this policy.

First-Year Core Course (CORE)

Hugh A. West, Coordinator (History)

This course provides an intensive introduction to college-level work in the humanities for first-year students. Students read important primary texts from a number of cultures and historical periods. Most of the texts come from Europe and North America, but many come from East Asia, Africa, the Middle East, and Latin America. 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 of important primary texts dealing with basic issues of human existence, followed by discussion, interpretation, and writing. To be taken in consecutive semesters during the first year. *3-3 sem. hrs.*

Anthropology (ANTH)

(See Sociology and Anthropology)

American Studies (AMST)

Robert C. Kenzer, Coordinator (History)

The American Studies Major

Thirty-three semester hours selected from the courses below distributed as follows:

American Studies 201	3 hours
One course selected from either	
American Studies 301-341, or 381	3 hours
Either American Studies 390 or 391	3 hours
Area A—American Literature	6 hours
Area B—American History	6 hours
Area C—Social Sciences	6 hours
Area D—Fine Arts and Humanities	6 hours

No more than nine semester hours of courses below the 300 level may be counted toward Areas A, B, C, and D.

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).

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. *3 sem. hrs.*

301 The Harlem Renaissance. Study of meaning, goals and strategies, and periodization of the Harlem Renaissance. *Prerequisite:* American Studies 201, or at least junior status, or permission of instructor. *3 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.*

381 Community Problem Solving Seminar. Combines internship with reading and discussion about community problems from multidisciplinary perspectives. *Prerequisite:* American Studies 201 or junior or senior status. *3 sem. hrs.*

390 Seminar in American Studies. Designed primarily as a capstone experience for American Studies majors, the seminar will focus on a topic in American culture that can be approached through several disciplines. *Prerequisites:* American Studies 201, junior or senior status, and permission of the instructor. *3 sem. hrs.*

391 Thesis. The completion of a thesis project involving primary sources that is designed, researched, and written by the student under faculty supervision. *Prerequisite:* American Studies 201, junior or senior status, and an approved prospectus with bibliography for the thesis. *3 sem. hrs.*

See the departmental listings for descriptions of the following courses.

Area A: American Literature

English (ENGL)

- 206 Selected Readings in American Literature
- 208 Twentieth-Century American Fiction
- 211 American Literature and the Land
- 231 African-American Literature
- 232 Southern Fiction
- 233 Tradition and Renewal in Native American Literatures
- 330 Survey of American Literature
- 331 Twentieth-Century American Literature
- 334 Literature of the South
- 364 Literature of American Minorities
- 366 Black Women Writers
- 430 Topics in American Literature to 1900
- 431 Topics in American Literature after 1900
- 433 The American Novel

Area B: American History

History (HIST)

- 205 The United States to 1877
- 206 The United States since 1877
- 220 American Women from Colonial to Present
- 302 Colonial America
- 303 The American Revolution
- 305 History of the Civil War and Reconstruction
- 306 Late Nineteenth-Century American History
- 307 The United States, 1900-1938
- 308 The United States since 1938
- 311 History of Virginia since 1800
- 313 Frontier and West in American History
- 317 The Old South
- 320 American Social History
- 325 American Diplomatic History to 1900
- 326 American Diplomatic History 1900-1945
- 327 American Diplomatic History since 1945
- 328 Americans from Africa
- 369 The Machine in Modern Society

Area C: Social Sciences

Anthropology (ANTH)

307 North American Indians

Economics (ECON)

101-102 Principles of Economics
371 Money, Banking, and Public Policy
376 Industrial Organization and Public Policy
377 Labor Economics

Health and Sport Science (HSS)

355 Sport in Society

Political Science (PLSC)

220 Introduction to American Government
221 Introduction to Public Policy
300 Bureaucracy and Public Policy
304 Virginia Government and Politics
315 American Political Theory
321 Women and Power in American Politics
322 Public Opinion and Public Policy
324 The Politics of Social Welfare
325 Minority Politics
326 Legislative Process
327 The American Presidency
328 American National Government
331 Constitutional Law
333 Civil Rights/Liberties
336 American Constitutional History
337 Politics and the Legal System
350 American Foreign Policy

Sociology (SOC)

101 Introduction to Sociology
301 The City
303 Sociology of Families
309 Social Problems
310 Criminology
311 Juvenile Delinquency
316 Race and Ethnicity in America
318 Social Stratification
320 Sociology of Religion
323 The Black Community in Urban America
324 Sociology of Law
328 Social Gerontology
329 Sociology of Education
342 Dying, Death, and Grief

Area D: Fine Arts and Humanities

Art (ART)

313 Art of the United States
318 Twentieth-Century Art
320 Seminar in Contemporary Art
322 Seminar in Museum Studies

Music (MUS)

337 Music in America

Religion (RELG)

254 Interaction of Church and State in Contemporary America
255 Fundamentalism and Evangelicalism in America
265 Religion and Moral Decisions
266 Television: Ethics for Hire?
357 Religion in the Development of American Society
359 American Judaism
369 Problems in Social Ethics

Women's Studies (WMST)

303 Women in Television: Representations, Images, and Stereotypes

Art (ART), (ARTS)

Charles W. Johnson, *Chair*

Professors Adiss, Johnson

Associate Professor Rubenstein

Assistant Professors Denton, Rhodes

Director of the Marsh Art Gallery Richard Waller

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

The Marsh Art Gallery presents both historical and contemporary art in its exhibition spaces, organizing related lectures, workshops, symposia, and other events with visiting artists, critics, and art historians. The Gallery provides students with a greater understanding and appreciation of the visual arts through direct access to original works of art and current research of outstanding professionals in the field. A study abroad program is highly recommended for all art majors. Currently the department has arrangements for studies in art history with the University of Bristol,

UK. Other approved programs in studio art and art history are available in most major European countries under the direction of the Office of International Education.

The Art History Major

Thirty-three semester hours with a grade of not less than *C* (2.0) in each course, including Art History 221-222, 315, 316, 317, 318, 365-366, and six semester hours of applied art; three semester hours from the following courses: 301, 302, 361, and 370. In related fields, 18 semester hours. Independent Studies cannot be substituted for required courses in Art History.

The Art History Minor

Eighteen semester hours approved by the department, including six semester hours in Art History 221-222; three semester hours from Studio Art 101, 103, or 105; nine semester hours from three elective art history courses of which six semester hours must be at the 300-level.

125 Music and the Visual Arts. Examination and exploration of fundamental similarities between music and the visual arts. Focus on looking at, listening to, painting, drawing, composing, performing, analyzing, discussing, and interpreting objects in music and the visual arts (same as Music 125). *3 sem. hrs.* (FSVP)

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

222 History and Appreciation of Art. 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)

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. *3 sem. hrs.* (FSVP)

226 Art and Culture of Japan. Introduction to art and culture of Japan stressing interconnections between art, literature, and historical developments. *3 sem. hrs.* (FSVP)

279 Topics in Japanese Art. Examples include Japanese prints, painting, ceramics, Buddhist art, and cal-

ligraphy. May be repeated for credit when topics varies. *3 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.*

303 Crosscurrents in Eastern Mediterranean Art and Archaeology. (See Classics 303.) *3 sem. hrs.*

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

314 Northern Renaissance Art. Fifteenth- and sixteenth-century Northern Renaissance art from Van Eyck to Bruegel. *3 sem. hrs.*

315 Art of the Renaissance. Major developments in Italian art from early thirteenth century through High Renaissance in early sixteenth century. *3 sem. hrs.*

316 Mannerism and the Baroque. Major developments in European art of sixteenth and seventeenth centuries. *3 sem. hrs.*

317 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.*

318 Twentieth-Century Art. Major movements and developments of modern art in Europe and America from 1900 to 1980. Examination of the theoretical bases of modern art, concepts of the avant-garde and consideration of the public's relationship to modern art. *3 sem. hrs.*

320 Seminar in Contemporary Art. Major developments in contemporary art from 1965 to present, with emphasis on current trends. *Prerequisites:* Art History 221-222, 318, or permission of instructor. *3 sem. hrs.*

321 Seminar in Art and Art History. Essential topics in art theory, criticism, and connoisseurship as related to experiences in practice of studio art. Readings from Plato, Sontag, Berenson, Baxandall, and others. *Prerequisites:* Art History 221-222, and one studio art class. *3 sem. hrs.*

322 Seminar in Museum Studies. History, philosophy, functions, and future of museums; collection research, evaluation, publications, and museum procedures and education. *3 sem. hrs.*

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

361 Philosophy of Art/Aesthetics. (See Philosophy 361.) *3 sem. hrs.*

365 Art Theories and Methodology. Study of the theoretical approaches and methods used in the discipline of art history. Required for art history majors in the fall semester of their senior year. Permission of instructor required for non-art history majors. *3 sem. hrs.*

366 Thesis: Research Project. Required for majors in their senior year. *Prerequisite:* Art History 365. *3 sem. hrs.*

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

379 Selected Topics. Examples include history of photography, non-Western art, and others as arranged by department. May be repeated for credit if topics differ. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

380 Advanced Topics 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 or gallery. *Prerequisite:* permission of department. *1-3 sem. hrs.*

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

The Studio Art Major

Thirty-six hours comprised of Studio Art 101 and 201; nine hours in a declared concentration (2-D: painting, drawing, or printmaking; 3-D: sculpture or ceramics); for 2-D areas of concentration, one 3-D course; for 3-D areas of concentration, one 2-D course, beyond 101 and 201; Studio Art 465 and 466; Art History 221 and 222; six hours of studio art electives; and 15 approved hours in related fields. A student seeking teaching licensure may substitute Studio Art 301 for Studio Art 465. A grade of not less than *C* (2.0) is required in each course comprising the major. Any 300-level art history course will count toward related field major in studio art.

The Studio Art Minor

Eighteen semester hours approved by the department, including six semester hours in Studio Art 101, 103, or 105; three semester hours from Art History 221 or 222; nine semester hours from three elective studio art courses of which six semester hours must be at the intermediate or advanced levels.

101 Drawing I. Tonal drawing: exploring perception and composition of appearance of nature; and form drawing: analyzing forms of human figure, correlating observation with anatomy, and stressing form concepts. *3 sem. hrs.*

103 Sculpture I. Basic survey of formal and material-rooted approaches to sculpture, including work in terra cotta, plaster, stone and wood carving, and cast bronze. *3 sem. hrs.* (FSVP)

105 Painting I. Materials and practice of oil painting, tools of representation, training in use of plumb-line and view-finder; working from appearance of nature. *3 sem. hrs.* (FSVP)

107 Printmaking I. Projects in woodblocks, silk-screen, photographic silk-screen, etching, and lithography. *3 sem. hrs.*

131 Ceramics I. Basic method of forming clay; coil, slab, potter's wheel. Basic glaze techniques and firing. *3 sem. hrs.*

201 Drawing II. Continuation of Studio Art 101. *Prerequisite:* Studio Art 101. *3 sem. hrs.*

203 Sculpture II. Continuation of Studio Art 103, with application of techniques in depth, or exploration of other approaches and media including large scale installations, environmental sculpture, steel fabrication. *Prerequisite:* Studio Art 103. *3 sem. hrs.*

205 Painting II. Continuation of Studio Art 105. *Prerequisite:* Studio Art 105. *3 sem. hrs.*

207 Printmaking II. Continuation of Studio Art 107. *Prerequisite:* Studio Art 107. *3 sem. hrs.*

209 Photography as an Art. (Summer only.) Basic black and white darkroom techniques; history of photography through study of past and contemporary photography. Adjustable camera required. *3 sem. hrs.*

222 Color and Design. Color theory, perception, and interaction are used as dynamic means to approach basic principles of two-dimensional abstract design and composition. *3 sem. hrs.*

231 Ceramics II. Continuation of Studio Art 131. Emphasis on development of technique, individual experimentation with form and color. *Prerequisite:* Studio Art 131. *3 sem. hrs.*

301 Drawing III. Continuation of Studio Art 201. Emphasis on advanced problems in drawing. *Prerequisite:* Studio Art 201. *3 sem. hrs.*

303 Sculpture III. Continuation of Studio Art 203. Emphasis on advanced problems in sculpture. *Prerequisite:* Studio Art 203. *3 sem. hrs.*

305 Painting III. Continuation of Studio Art 205. Emphasis on advanced problems in painting. *Prerequisite:* Studio Art 205. *3 sem. hrs.*

307 Printmaking III. Continuation of Studio Art 207. Emphasis on advanced problems in printmaking. *Prerequisite:* Studio Art 207. 3 sem. hrs.

331 Ceramics III. Continuation of Studio Art 231, emphasizing advanced techniques and glaze chemistry. *Prerequisite:* Studio Art 231. 3 sem. hrs.

379 Selected Topics. Examples include watercolor technique, photography, landscape painting, non-traditional artmaking, computer as artist's tool, tea and Japanese aesthetics, and others as arranged by the department. May be repeated for credit if topics differ. *Prerequisite:* Permission of instructor. 1-3 sem. hrs.

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

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

401 Drawing IV. Continuation of Studio Art 301. Emphasis on personal expression in drawing. *Prerequisite:* Studio Art 301. 3 sem. hrs.

403 Sculpture IV. Continuation of Studio Art 303. Emphasis on personal expression in sculpture. *Prerequisite:* Studio Art 303. 3 sem. hrs.

405 Painting IV. Continuation of Studio Art 305. Emphasis on personal expression in painting. *Prerequisite:* Studio Art 305. 3 sem. hrs.

407 Printmaking IV. Continuation of Studio Art 307. Emphasis on personal expression in printmaking. *Prerequisite:* Studio Art 307. 3 sem. hrs.

431 Ceramics IV. Continuation of Studio Art 331. Emphasis on personal expression in ceramics. *Prerequisite:* Studio Art 331. 3 sem. hrs.

465 Thesis I: Portfolio Development. Senior studio art majors will create a focused body of work and begin to clarify and establish future directions and resources for personal research and artmaking in preparation for their spring thesis exhibition. *Prerequisite:* Studio art major, senior level. 3 sem. hrs.

466 Thesis II: Senior Exhibition. Graduating studio art majors will organize and present an exhibition of their art. *Prerequisite:* Studio Art 465. 3 sem. hrs.

Astronomy (ASTN)

101 Astronomy. Survey including the solar system, the 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.

Biology (BIOL)

Valerie M. Kish, *Chair*

Professors Bishop, Hayden, Kish
Associate Professors Kingsley, Radice
Assistant Professors de Sá, Elhai, Fisher-Stenger,
Goodner, Muehlstein, Reynolds
Visiting Assistant Professors Beets, Hager
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).

For either the Bachelor of Arts or Bachelor of Science degree: Biology 211, 212, 213, 214 (Three courses must be completed by the end of the junior year.) Four or more Biology courses selected from: 225, 301, 303, 305, 306, 307, 308, 309, 311, 312, 314, 315, 325, 326, 328, 330, 331, 332, 333, 334, 335, 336, 337, 339, 340, 351, 374, 383. Chemistry 326 may be substituted for one of the above, but cannot count toward both the Biology and Chemistry major. In addition, Chemistry 103-104 or 151, and Chemistry 205-206. It is also recommended that students take Physics 131-132 and Mathematics 129.

The Biology Minor

Biology 211, 212, 213, 214, one additional 4-semester-hour biology course approved by the department, or Chemistry 326, and not less than a C- (1.7) in each course.

DUML OPTION: The Duke University Marine Sciences Laboratory, in cooperation with the Department of Biology, provides opportunities for instruction in the marine sciences. 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.

102 Contemporary Approaches to the Life Sciences. Examination of scientific method and its role in determinations of life, existence of life in cells, and expression of life in organismal diversity. Focus on cellular processes, genetics, evolution, and body systems, ecology, environmental and ethical issues. For nonscience major. Will not serve as basis for further work in science nor meet entrance requirements for any health profession. Three lecture and two laboratory hours a week. *Prerequisite:* High school biology. *4 sem. hrs.* (FSNB)

131 Australian Ecology for Non-Biology Majors. (Summer only.) Field studies of diverse ecological communities in Australia: open woodland, rain forest, and coral reef. Includes field trips and camping in tropical and subtropical regions of the Northern Territory, Queensland and Great Barrier Reef, Australia. *Prerequisite:* permission of instructor. *3 sem. hrs.*

211 Organismal Biology I. Introduction to organismal biology; physiology, cell structure, genetics, evolution, and the biology of prokaryotes, prototists, green algae, and plants. Development of laboratory skills. Will serve as basis for further work in science and meet entrance requirements for any health profession. Three lecture and three laboratory hours a week. *4 sem. hrs.* (FSNB)

212 Organismal Biology II. Continuation of introduction to organismal biology; biology of plants, fungi, animals, and ecology. Continued development of laboratory skills. Will serve as basis for further work in science and meet entrance requirements for any health profession. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 211. *4 sem. hrs.*

213 Genetics. Classical and molecular analysis of biological adaptability, continuity, and variation. Laboratory uses established methods of genetic investigation with focus on analysis of experimental data. Three lecture and three laboratory hours a week. *Prerequisites:* Biology 211, 212 and Chemistry 104 or 151. *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 211, 212, 213 and Chemistry 104 or 151. *4 sem. hrs.*

225 Evolution. Introduction to biological evolution including history of field, mechanisms of evolution, and fossil record. Understanding of basic genetics recommended. *Prerequisite:* Biology 212. *4 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 104 or 151 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 212. *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 212. *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 212. *4 sem. hrs.*

307 Advanced Cell and Molecular Biology. An analysis of the molecular mechanisms by which cells interact with each other and with the environment. Topics include hormonal and neurological signaling, muscle contraction and control, cell surface and gene level control in development, and molecular models of cancer, immunity and microbial pathogenesis. *Prerequisites:* Biology 214 and Chemistry 206. *4 sem. hrs.*

308 Comparative Vertebrate Anatomy. Comparative anatomy and biology of several systems of organs of representative vertebrates. Two lecture and four laboratory hours a week. *Prerequisite:* Biology 212. *4 sem. hrs.*

309 Invertebrate Zoology. Morphology, physiology, development, and relationships of representative invertebrate animals. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 212. *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. *Prerequisites:* Biology 211, 212, 214. *4 sem. hrs.*

312 Developmental Biology. Development of animals, including embryogenesis, metamorphosis, and regeneration. 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 DNA structure, transactions (replication, homologous recombination, transposition, repair, and mutagenesis) and function with emphasis on regulation of gene expression in both prokaryotes and eukaryotes. Introduces methods of recombinant DNA and their application to fundamental biological problems. Three lecture and three laboratory hours a week. *Prerequisites:* Biology 214 and Chemistry 205. *4 sem. hrs.*

315 Plant-Microbe Interactions. Examination of pathogenic, symbiotic, and mutualistic interactions between plants and bacteria, fungi, and viruses. Mechanisms of interactions will be explored from both the microbe and plant perspective. Introduction to cur-

rent techniques used to study these interactions. Three lectures and three laboratory hours a week. *Prerequisite:* Biology 214. 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. *Prerequisites:* Biology 212 and 213. 4 sem. hrs.

326 Mountain Ecology. (Summer only.) Field oriented approach to ecology. Includes extended camping in remote regions of Appalachian Mountains. (Additional fee for field trips.) *Prerequisites:* Biology 212 and permission of instructor. 4 sem. hrs.

328 Vertebrate Zoology. Comprehensive survey of vertebrate classes emphasizing phylogeny, natural history, and systematics. Two lecture and four laboratory hours a week. *Prerequisite:* Biology 212. 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 212. 4 sem. hrs.

331 Australian Ecology for Biology Majors. (Summer only.) Field studies of diverse ecological communities in Australia: open woodland, rain forest, and coral reef. Includes field trips and camping in tropical and subtropical regions of the Northern Territory, Queensland and Great Barrier Reef, Australia. *Prerequisites:* Biology 212 and permission of instructor. 4 sem. hrs.

332 Tropical Marine Biology. Introduction to marine biology and other oceanographic disciplines using tropical marine habitats as specific examples. Laboratory portion is composed of field trips and exercises including Spring Break field experience in Caribbean (extra fee required). Three lecture hours a week. *Prerequisites:* Biology 212 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 214 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 212 and Chemistry 104 or 151. 4 sem. hrs.

335 Freshwater Biology. Physical, chemical, and biological properties of fresh waters. Three lecture and

three laboratory hours a week. *Prerequisite:* Biology 212. 4 sem. hrs.

336 Plant Physiology. Explores roles of endogenous factors (hormones, biological clocks, phytochrome), environmental influences (light, temperature, water, and inorganic nutrients), and gene expression in plant functions, growth and development. Three lecture and three laboratory hours a week. *Prerequisite:* Biology 214. 4 sem. hrs.

337 General Endocrinology. Introduction to chemical regulators in animals. Three lecture and three laboratory hours a week. *Prerequisites:* Biology 214 and Chemistry 104 or 151. 4 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.

349-350 Undergraduate Research. Independent research conducted with faculty supervision. *Prerequisite:* Permission of instructor. 2-2 sem. hrs.

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

365 Human Anatomy and Physiology I. (See Health and Sport Science 365.) 4 sem. hrs.

366 Human Anatomy and Physiology II. (See Health and Sport Science 366.) 4 sem. hrs.

370 Women in Science. A critical analysis of the involvement of women in science around the history of the participation of women in science, current trends and barriers to full participation in science and feminist analyses of science. There will be a continuing dialogue on how science is done and the 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.

374 Evolutionary Biology of Lower Tetrapods. Introduce students interested in organismal biology to amphibians and reptiles to understand fundamental transitions in vertebrate evolution. *Prerequisite:* Biology 212, or equivalent. 4 sem. hrs.

383 Tropical Biology and Conservation. Introduction to tropical biology and conservation, including historical and economic components. *Prerequisite:* Biology 102,212, or equivalent. 4 sem. hrs.

388 Individual Internship. Supervised independent work under field conditions. Designed to give student applied experience in biological specialty. *Prerequisite:* Biology major at junior or senior rank. 4 sem. hrs.

Prerequisite for honors courses: Permission of instructor. Students admitted to the Honors Program must complete twelve hours of honors credit through a combination of upper level courses, Honors Research and Honors Seminar. Students are strongly encouraged to enroll in Honors Seminar after a research project has been initiated.

391 Honors Seminar. Special topics, for junior and senior honors candidates. *1 sem. hr.*

395-396 Honors Research. Laboratory or field-centered independent study. *2-2 sem. hrs.*

Chemistry (CHEM)

Stuart C. Clough, *Chair*

Professors Myers, Topham

Associate Professors Abrash, Clough, Dominey, Goldman

Assistant Professors Bell, Stevenson

Director of Chemistry Laboratories Ferguson

The Chemistry Major

For the Bachelor of Arts degree:

Chemistry 103-104 (or 151), 205-206, 300, 301, 309 (or 310) and a total of 31 hours in chemistry approved by the department.

For the Bachelor of Science degree:

Chemistry 103-104 (151), 205-206, 300, 301, 309, 310, and a total of 35 hours in chemistry approved by the department.

And for either degree:

Chemistry 421-422, courses approved by the department including eight semester hours in Physics, and six semester hours in related fields. Two full years of either biology or physics are recommended. A grade of not less than *C-* (1.7) is required in each course applied to the hours needed in the main field of study.

Certifications in the Major

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

For chemistry:

Completion of 10 additional semester hours approved by the department, including Chemistry 302, 418 and 419. Further coursework is recommended: Mathematics 129, 235, 240, and 245.

For chemistry/biochemistry:

Chemistry 302, 320, 326, 327, 418, and 419. Additional courses are recommended: Biology 203, 204, and 340.

The Chemistry Minor

Chemistry 103-104 (151), 205-206, 300 and 301 (or 302) and one additional course approved by the department. A grade of not less than *C-* (1.7) is required in each course.

103-104 Fundamentals of Chemistry. Principles of chemistry including stoichiometry, states of matter, atomic and molecular structure, chemical bonding, periodicity, energy relationships and equilibria, acid-base chemistry, electrochemistry, kinetics, and systematic study of families of elements. Laboratory work includes inorganic qualitative analysis. For science-oriented students, but may be taken by other interested persons. Meets requirements for chemistry major and serves as prerequisite for medical, dental, or related studies. Three lecture and three laboratory hours a week. Previous knowledge of chemistry helpful but not required. *Prerequisites:* High school algebra and geometry. Chemistry 103 is prerequisite to 104. *4-4 sem. hrs.* (104 only, FSNC)

110 Atoms, Molecules, Humans, and Change. Focus on impact, influence, and consequences of fundamental principles of chemistry on society. Three lecture and three laboratory hours a week. *Prerequisites:* High school chemistry and biology or permission of instructor. *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)

Note: Chemistry 110 and 111 will not count towards the major.

151 Intensive General Chemistry. Principles of chemistry, including atomic and molecular structure, bonding, periodicity, energy relationships and equilibrium, acid-base chemistry, electrochemistry, kinetics, and states of matter. For exceptionally well-prepared, science-oriented students. Meets requirements for chemistry major and serves as a prerequisite for medical, dental, or related studies. Three lecture and three laboratory hours a week. *Prerequisites:* High school algebra and geometry plus high school AP course in chemistry with a score of 3 or better on the Advanced Placement Test, or permission of instructor. *4 sem. hrs.* (FSNC)

Note: Credit will be given for Chemistry 151 or 103-104, but not both.

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 104 or 151. Chemistry 205 is prerequisite to 206. *4-4 sem. hrs.*

300 Measurement Statistics. An overview of the statistics of measurements on chemical systems. Students in this course will study the characteristics of data which contain random error. Statistics used to describe and summarize trends of the measured data will be introduced, as well as a number of statistical tools needed to draw meaningful and objective conclusions based on the data. Emphasis is on application of these tools for quantitative chemical analysis (common applications include environmental, clinical, and forensic analysis); however, the same topics can be applied to any system which must be characterized through measurements that contain error. This course should be taken simultaneously with chemistry 301. *1 sem. hr.*

301 Analysis I. 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. Two lecture and eight laboratory hours a week. *Prerequisite:* Chemistry 104 or 151; Mathematics 329 or Chemistry 300 as a corequisite. *4 sem. hrs.*

302 Analysis II. Principles and techniques of chemical and instrumental methods used for compound identification, separation, and purification. Focus is on modern instrumental methods for compound structure elucidation and principles underlying instrumentation itself. Two lecture and eight 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 104 or 151, Physics 132 or 102, and Mathematics 212. Chemistry 309 is prerequisite to 310. *4-4 sem. hrs.*

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

326 Biochemistry I. 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. *Prerequisite:* Chemistry 206. *4 sem. hrs.*

327 Biochemistry II. Current research topics in biochemistry including recent developments in enzymology, metabolic control, metal metabolism, biochemical endocrinology, biochemical physiology, biochemical immunology, and biochemical genetics. Three lecture hours a week. *Prerequisite:* Chemistry 326 or Biology 203 or permission of instructor. *3 sem. hrs.*

330 Projects. Laboratory work requiring integration of information from various fields of chemistry and involving a number of techniques. *1 or 2 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. Three laboratory hours a week. *Prerequisite:* Chemistry 206. *1 sem. hr.*

419 Advanced Inorganic Chemistry. Physical chemical principles as applied to study of bonding, structure, properties, and reactions of selected inorganic systems, with emphasis on current literature. Three lecture hours a week. *Prerequisites:* Chemistry 206 and 309. (Note: 309 may be taken concurrently.) *3 sem. hrs.*

421-422 Seminar. One class hour a week. *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. Special interest topics offered at department's discretion. Considers subject matter not covered in other chemistry courses. *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 3-hour research seminar (Classical Civilization 498) or senior paper (Classical Civilization 497). With the advice of an advisor from the faculty of the Department of Clas-

sical 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; 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 those listed under the Department of Classical Studies and from the courses listed below (preapproved as belonging to the Classical Civilization major) or other courses approved by the coordinator.

The Classical Civilization Minor

Eighteen semester hours approved by the coordinator of which 12 must be in the Department of Classical Studies and six from the courses listed below or other courses approved by the coordinator. (Latin and Greek courses may not be counted toward this minor.)

Classical Civilization 498. Junior/Senior Seminar. Study of research strategy and methodology inherent in Classical Civilization. Discussion of current scholarship, 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
- 299 Human Origins

Art History (ART)

- 301 Greek Art and Archaeology
- 302 Roman Art and Archaeology

- 314 Northern Renaissance Art
- 315 Art of the Renaissance
- 316 Mannerism and the Baroque
- 322 Seminar in Museum Studies

English (ENGL)

- 311 Literature of the Middle Ages
- 312 Literature of the English Renaissance
- 313 English Literature of the Restoration and 18th Century
- 314 English Literature of the Romantic Movement
- 342 Modern Grammar
- 355 Introduction to Comparative Literature
- 403 Shakespeare to 1600
- 404 Shakespeare after 1600
- 405 Milton
- 406 Critical Approaches to Shakespeare
- 411 Topics in Medieval Literature
- 412 Topics in Renaissance Literature
- 413 Topics in Restoration and 18th-Century Literature
- 414 Topics in Romantic Literature
- 450 Critics since Plato

History (HIST)

- 329 History of Greece
- 330 Hellenistic Greece and Republican Rome
- 331 The Roman Empire
- 332 Medieval Church
- 333 European Economic History to 1450
- 334 High and Late Middle Ages
- 335 Renaissance

Philosophy (PHIL)

- 271 Ancient Greek Philosophy
- 361 Philosophy of Art/Aesthetics

Political Science (PLSC)

- 311 Political Theory: Plato to Locke

Religion (RELG)

- 200 Symbolism, Myth, and Ritual
- 231 The Bible and Western Culture
- 240 Introduction to the New Testament
- 241 Introduction to Early Christian Era
- 243 The World of the New Testament

- 256 Introduction to the History of Christianity
- 258 Medieval Religious Thought
- 263 Symbolism in Religion, Literature, and Art
- 331 The Hebrew Prophets
- 332 Hebrew and Christian Wisdom Literature
- 340 Varieties of Early Christianity
- 341 Paul and Christian Origins
- 342 Johannine Literature
- 350 The Ancient Near East

Speech Communication (SPCH)

- 321 Classical Rhetoric

Classical Studies (CLSC, GREK, LATN)

Stuart L. Wheeler, *Chair*
 Associate Professor D. Simpson
 Assistant Professors Laskaris, 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

- Core curriculum - 12 hours:
- Classics (CLSC)
 - 301 Greek Art and Archaeology 3 hours
 - 305 Greek and Roman Values
 - OR
 - 306 The Classical Tradition 3 hours
- History (HIST)
 - 329 History of Greece
 - OR
- Classics
 - 303 Crosscurrents in Eastern Mediterranean Art and Archaeology 3 hours
- Greek (GREK)
 - 498 Junior/Senior Seminar 3 hours
- PLUS
- 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 400 level.

No Greek 100- or 200-level course may be used to meet the Literary Studies field-of-study requirement.

101-102 Elementary Greek. Introduction to Greek grammar plus selected readings. *Prerequisite:* Greek 101 is prerequisite to 102. *3-3 sem. hrs.*

201-202 Intermediate Greek. Review of grammar plus selected readings. *Prerequisite:* Greek 102 or permission of department. Greek 201 is prerequisite to 202. *3-3 sem. hrs. (202 only, COM2)*

401 Greek Historiography. Readings from Herodotus and Thucydides. *Prerequisite:* Greek 202 or permission of department. *3 sem. hrs.*

402 Greek Drama. Readings from Sophocles and Euripides. *Prerequisite:* Greek 202 or permission of department. *3 sem. hrs.*

403 Greek Philosophical Prose. Readings from Plato and Aristotle. *Prerequisite:* Greek 202 or permission of department. *3 sem. hrs.*

404 Greek Epic. Readings from Homer's Iliad and Odyssey. *Prerequisite:* Greek 202 or permission of department. *3 sem. hrs.*

406 The Greek Language. Historical development of language, advanced grammar, and word study. *Prerequisite:* Greek 202 or permission of department. *3 sem. hrs.*

410 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. *Prerequisite:* Greek 202 or permission of department. *3 sem. hrs.*

498 Junior/Senior Seminar. Required of all majors. Study of research strategy and methodology inherent in classical studies. Discussion of current scholarship, preparation of research paper. *Prerequisite:* Greek 202 or permission of department. *3 sem. hrs.*

499 Independent Study. Content adapted to the requirements and interests of participant. *Prerequisite:* Greek 202 or the equivalent and permission of department. *1-3 sem. hrs.*

The Latin Major

- Core curriculum - 12 hours:
- Classics (CLSC)
 - 302 Roman Art and Archaeology 3 hours

305 Greek and Roman Values OR 306 The Classical Tradition	3 hours
History (HIST)	
330 Hellenistic Greece and Republican Rome OR 331 History of the Roman Republic and Empire	3 hours
Latin (LATN)	
498 Junior/Senior Seminar PLUS Twenty-four semester hours of Latin	3 hours

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 Distributional Requirement: D. Language and Literature.

101-102 Elementary Latin. Introduction to Latin grammar plus selected readings. *Prerequisite:* Latin 101 is prerequisite to 102. *3-3 sem. hrs.*

201-202 Intermediate Latin. Review of grammar 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 Catullus. Literary analysis of selected readings. *3 sem. hrs.* (FSLT)

302 Plautus. Study of Roman comedy using Latin texts, videotapes, and live performance. *3 sem. hrs.* (FSVP)

401 Caesar. The man, statesman, historian, general. *3 sem. hrs.*

402 Ovid. Mythic traditions of Graeco-Roman culture. *3 sem. hrs.*

403 Roman Epic. Special emphasis on Vergil's Aeneid. *3 sem. hrs.*

404 Roman Historiography. Emphasis on Livy and Tacitus. *3 sem. hrs.*

405 Latin Lyric Poetry. Emphasis on Horace. *3 sem. hrs.*

406 Roman Philosophical Literature. Special emphasis on Lucretius' *De Rerum Natura* or Cicero's *Tusculan Disputations*. *3 sem. hrs.*

407 Roman Satire. Readings from Horace and Juvenal. *3 sem. hrs.*

408 The Novel. Latin novels of Petronius and Apuleius. *3 sem. hrs.*

409 The Latin Language. Historical development of Latin language, advanced grammar, and word study. *3 sem. hrs.*

410 Selected Topics. Topics or themes in Roman literature and history. Examples include historical biography, epistolography, drama, Latin Christian literature, Medieval or Renaissance Latin, 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.*

412 Cicero. Theory and history of Roman oratory. *3 sem. hrs.*

498 Junior/Senior Seminar. Required of all majors. Study of research strategy and methodology inherent in Latin studies. Discussion of current scholarship, 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

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.

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 Mythology and Roman Epic. Selected mythic themes in Greek and Roman epic literature from Homer to Vergil. Emphasis on myths prominent in Western literature. *3 sem. hrs.* (FSLT)

208 Mythology: Greek Drama. How myth, history, and fantasy are used to make tragedy and comedy both timely and timeless genres. Emphasis is given to the role of drama in the public discourse of Athenian democracy. *3 sem. hrs.* (FSLT)

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 the Roman world (Same as Art 302.) *3 sem. hrs.*

303 Crosscurrents in Eastern Mediterranean Art and Archaeology. Artistic and archaeological problems resulting from the confluence of the Eastern and Western traditions. Emphasis on the Aegean bronze age cultures and their connections with Egypt and the Levant. Approaches the reading of cultural artifacts as historic documents. (Same as Art 303.) *3 sem. hrs.*

304 The Feminine in Greco-Roman Literature. Survey of major works from ancient Greek and Roman poetry, prose, and drama through investigation of prominent theme and related theories of literary interpretation. *3 sem. hrs.* (FSLT)

305 Greek and Roman Values. Investigation of ancient Graeco-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 and modern worlds. *3 sem. hrs.*

308 Women, Children, Blacks, and Slaves. Structure of ancient Greek society through contextual analysis of its minority groups with particular attention to women. *3 sem. hrs.* (FSSA)

310 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 Greek Bronze Age, the Etruscans, Greek topography, study abroad, and myth and film. *Prerequisite:* Permission of department. *3 sem. hrs.*

499 Independent Study. Content adapted to requirements and interests of participant. May be taken to aid completion of Senior Project for classical civilization major. *Prerequisite:* Permission of department. *1-3 sem. hrs.*

Colloquium Program (COLQ)

The Colloquium Program provides an opportunity to explore selected topics not found in typical courses of instruction. Colloquia deal with a variety of topics of current interest, and are taught on a seminar basis, stressing student participation through oral and written expression. Colloquia are offered without prerequisites for elective credit only, and are normally limited to 15 students.

The Colloquia listed below are typical of those to be offered. Students should ascertain which courses are available in any given semester and make a selection accordingly.

131 Plots, Passions, and Power. Drama and intrigue of Tudor period as mirrored in lives of Henry VIII, Elizabeth, Mary Stuart, and host of colorful nonroyal men and women. *3 sem. hrs.*

152 Monopoly is More than a Game: The Rise of Big Business in America. Late nineteenth- and early twentieth-century world of economic ideas and corporate practices, and public response to those ideas and practices. *3 sem. hrs.*

160 People and Customs of the Middle East. Study of traditional ways and newer influences on Middle Eastern people; concentration on Iran, Israel, Lebanon, Saudi Arabia, Jordan, and Palestine. Includes readings, discussion, speakers, and interviews. *3 sem. hrs.*

173 Madness in Literature. Theme of madness in variety of literary works in the Western tradition from ancient Greece to contemporary America. Madness not in clinical or scientific sense but as condition of alienation from what given society takes to be normal or sane. In short, madness as instrument of moral and social satire. *3 sem. hrs.*

174 Literature and Revolution. Literary depictions of revolutionary individuals, ideals, and movements as they appear in twentieth-century world literature written in England, United States, CIS (former Soviet Union), Poland, and South Africa. Includes study of literary devices writers employ in defining relationship between individual consciousness and historical and social imperatives. *3 sem. hrs.*

175 Japanese Society and Values. Exploration of Japanese society and values, such as social forms, customs, and sense of right and wrong, with goal of understanding people with whom Americans will have extensive dealings in future. *3 sem. hrs.*

176 Images of Minorities and Women on Film and TV. Examination of roles in drama, comedy, and

advertising. Content analysis of selected programs and ads reflecting television and film history to reveal patterns of representation of women and minorities against background of social attitudes and political actions. *3 sem. hrs.*

177 A Women's Place. An examination of current issues concerning women and gender from a social science perspective. Readings and critical evaluation of current literature on such topics as relationships, male/female communication, motherhood, aging, work, and psychological problems and treatment unique to women. *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 non-verbal meanings in the arts. Includes attendance at variety of cultural events, such as concerts, exhibitions, operas, dance concerts, poetry readings. *3 sem. hrs.*

202 Urban Ecology. Ecological examination of cities. Topics include comparisons between cities and natural ecosystems, populations of humans and other organisms, environmental quality, energy flow and nutrient dynamics in cities. Includes field trips and student projects, which focus on the City of Richmond. *3 sem. hrs.*

203 Music and Religion in American Culture. A discussion of the various ways in which religion finds expression in folk, popular, and classical music, both sacred and secular. *3 sem. hrs.*

204 Mexican-Americans in the U.S.—So What's the Problem? Thorough explanation of Mexican-American (Chicano) culture in the United States in an effort to understand better not only historical roots of political and social relationships and tensions between Mexico and the U.S., but also rich cultural heritage and contributions of major segment of population that inhabits southwestern states of this country. *3 sem. hrs.*

301 Tolkien's Middle-earth. Tolkien's major Middle-earth writings and their bases in folklore, mythology, religion, history, and literature. Research project required. *3 sem. hrs.*

334 Historic Preservation. Using City of Richmond and its surroundings as laboratory, study of importance of preserving our old and historic structures, districts, and artifacts, and of maintaining integrity and flavor of existing neighborhoods. *3 sem. hrs.*

Computer Science (CMSC)

(See Mathematics and Computer Science)

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

Thirty-six semester hours selected from the courses listed below as follows:

Criminal Justice 490	3 hours
Psychology 211 or Sociology 305	3 hours
Sociology 310 or 311	3 hours
*Select one course from each group:	
*Philosophy 220, 260 or 364	3 hours
*Political Science 331, 333, 337	3 hours
Electives - Group A	12 hours
Electives - Group B	9 hours

The Criminal Justice Minor

Eighteen semester hours, including the specific course requirements noted above, and three semester hours of Group A electives.

Group A

The following list includes required courses as well as other courses supportive of the major. Each course is described in the respective departmental listing.

379 Criminal Justice. Selected Topics. Varying topics of current relevance and interest, e.g., Criminal Law, Criminal Procedure, and current issues in corrections. May be repeated for credit if topics differ. *Prerequisite:* One of the following: Political Science 331, 333, or 337, Sociology 305, 310, 311, 313, or 379-Sociology of Law, or permission of program coordinator. *3 sem. hrs.*

490 Criminal Justice. Senior Seminar. The 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 following courses.

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 Politics and the Legal System
- 397-398 State and Local Government Internship

Psychology (PSYC)

- 211 Abnormal Behavior
- 213 Personality
- 215 Human Diversity

Sociology (SOC)

- 305 Deviance
- 310 Criminology
- 311 Juvenile Delinquency
- 313 Field Investigation of the Juvenile and Adult Criminal Justice Systems
- 379 Selected Topics: Sociology of Law

Group B

Note: These electives must be selected in consultation with the program coordinator.

Accounting (ACCT)

- 201, 202 Fundamentals of Financial/Managerial Accounting

Political Science (PLSC)

- 221 Introduction to Public Policy
- 303 Metropolitan Problems and Politics
- 307 Public Management

Psychology (PSYC)

- 311, 312 Child Development
- 313, 314 Social Psychology
- 435 Advanced Personality and Social Psychology
- 436 Developmental Psychopathology

Sociology (SOC)

- 301 The City
- 316 Race and Ethnicity in America
- 318 Social Stratification
- 322 Collective Behavior
- 323 The Black Community in Urban America

Speech Communication (SPCH)

- 105 Interpersonal Communication
- 201 Argumentation and Debate
- 306 Persuasion

Students intending to pursue graduate study in Criminal Justice are encouraged to do the Group B six-hour option-unit arranged as:

Math 119 AND Pol Sci 371

OR

Math 119 AND Soc 325

OR

Psych 200

Mathematics (MATH)

- 119 Social Science Statistics

Political Science (PLSC)

- 371 Introduction to Political Research and Analysis

Psychology (PSYC)

- 200 Methods and Analyses

Sociology (SOC)

- 210 Fundamentals of Sociological Research

Economics (ECON)

Robert W. Cook, *Chair*

Professors Dolan, Edwards

Associate Professors Cook, Dean, Nicholson, Raines, Schmidt, Whitaker, Wight

Assistant Professors Craft, McGoldrick, Schuhmann

Economics Major

Thirty semester hours in economics courses, including Economics 101-102, 272, 273, and 274; and 18 semester hours in closely related fields, of which 12 hours must be at the 300 level.

A grade point average of *C* (2.00) is required in the major, with no course grade below a *C-* (1.7) in Economics 272, 273, or 274.

Note: Successful completion of Psychology 200 or Business Administration 201 can be used in lieu of Economics 274 to satisfy the statistical requirements of the major; how-

ever, another 300-level economics course must be taken in its place. (Economics 383 is suggested.)

Majors are strongly encouraged to take Economics 101 and 102 during their first year, and Economics 272, 273, and 274 during the sophomore year.

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 Economics 272 or 273.

Eighteen semester hours in economics including Economics 101-102, 272, 273, and six semester hours at the 300 level.

101-102 Principles of Economics. Microeconomics (101) provides students with the analytical perspective to think critically about the market system and the social objectives that it may serve. Topics include supply and demand, market structure, production, market failure (e.g., pollution), and benefits and costs of government intervention. Macroeconomics (102) is the study of national income determination within a global economy. Topics include inflation, unemployment, money supply, balance of payments, currency markets, and role of fiscal and monetary policies.

Note: Both Economics 101 and 102 must be taken to receive credit towards graduation for either. *Prerequisite:* Economics 101 is prerequisite for 102. *3-3 sem. hrs.* (101 only, FSSA)

Prerequisite: Economics 101-102 is prerequisite to the following economics courses.

272 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. *3 sem. hrs.*

273 Macroeconomic Theory. Theory of national income determination with emphasis on Keynesian and New Classical models. Development of monetary and fiscal policy issues. *3 sem. hrs.*

274 Symbolic Reasoning for Economists. Introduction to basic statistical methods most frequently encountered in economic analysis. Topics include descriptive statistics, probability theory, functions of one or more random variables, sampling theory, statistical inference, and simple linear regression. Prior knowledge of statistics not required. (Cannot be used in Business School concentration area.) *3 sem. hrs.* (FSSR)

301 Quantitative Analysis for Business and Economics. (See Business Administration 301). *3 sem. hrs.*

370 Managerial Economics. Fundamental, theoretical, analytical tools of economics as applied to decision making; illustrations from empirical studies and cases. *3 sem. hrs.*

371 Money, Banking, and Public Policy. 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.*

375 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.*

376 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, anti-trust policies will be reviewed as they pertain to these issues. *3 sem. hrs.*

377 Labor Economics. Economic analysis of labor markets including wage determination, labor supply, and investment in human capital. Policy issues include labor unions, discrimination, and analysis of government programs affecting labor markets. *3 sem. hrs.*

378 Women and Gender Issues in Economics. Designed to point out differences in economic circumstances of men and women. Topic discussions include child care, occupations, earnings, and poverty. Different theoretical explanations for differences presented and students evaluate rationale for each theory. *3 sem. hrs.*

379 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.*

380 Comparative Economic Systems. Comparative analysis of economic systems operating in the 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.*

381 Public Finance. Expenditures, revenues, and debt management with emphasis on the federal government. *3 sem. hrs.*

382 History of Economic Thought. Survey of development of economic analysis with emphasis on

contributions from Adam Smith through J. M. Keynes. *3 sem. hrs.*

383 Econometrics. Basic concepts in matrix algebra and statistical inference; classical linear regression model; problems of estimation in linear regression; applications to macro and microeconomics; simultaneous equation systems. *Prerequisite:* Economics 274. *3 sem. hrs.*

384 Mathematical Economics. Examines various economic concepts by means of mathematical analysis. *3 sem. hrs.*

385 Economic Theory and Public Policy. Examines current public policy issues from perspective of economic theory. Intent is to develop separate role of economic analysis in policy deliberations, while emphasizing institutional and normative considerations that ultimately influence substance of economic policies. Topics include federal tax policy, managing federal budget deficit, trade policy; and health care. *Prerequisites:* Economics 272 and 273 or permission of instructor. *3 sem. hrs.*

387 Selected Economic Topics. Major areas in economics, application of economic principles, and analysis of policy issues. *3 sem. hrs.*

388 Economics Internship. Pass/fail only. *3 sem. hrs.*

398-399 Honors in Economics. Honors seminar and independent research project. *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)

Elaine Traynelis-Yurek, *Chair*

Professor Eicher

Associate Professors M. Brown, Traynelis-Yurek

Assistant Professors Roellke, Stohr-Hunt

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

Teacher Preparation and Licensure

The Teacher Preparation Program at the University of Richmond includes the preparation of teachers for three levels: Early Education (NK-5); Middle Education (6-8); and Secondary Education (8-12). To fulfill requirements for one or more of these levels the student typically follows a curricu-

lum which includes the University's general education requirements, an academic major, professional coursework necessary for teacher licensure, and/or a minor in education and elective coursework. Details about the teacher licensure program including specific options and requirements are presented in the following pages.

The teacher preparation program orients students to the profession of education, its principles, obligations, and opportunities through challenging and responsive programs which enhance teacher abilities essential to working effectively within the complexities of the classroom for the twenty-first century. The program is predicated upon students development and understanding of the philosophical, sociological, psychological and historical foundations of education and an appreciation for the role of schools and their place in a diverse society. The program also provides opportunities for students to develop the understandings, skills, and abilities for advanced work and life-long learning. These abilities enable graduates to become effective decision-makers through independent inquiry and effective thought.

The mission of the Department of Education is consistent with the mission of the University.

Minor in Education

The Department of Education offers a minor in Education. The minor in education is open to all interested students who are currently enrolled at the University. Those students who are not majors in the School of Arts and Sciences would not student teach or receive licensure but may complete the minor. Students who are majors in the School of Arts and Sciences are expected to complete the student teaching experience as part of the minor.

Assumptions and Objectives

The basic assumptions of the Teacher Preparation Program are that: (1) it is con-

sistent with the overall goals and purposes of the institution; (2) adequate support is given the program by the administration, faculty, and students; (3) close community relationships are fostered by the cooperative relationships developed between school systems and the University in the observation and student teaching program; and (4) a Teacher Preparation Program is needed to meet the needs of students as well as to supply qualified educational personnel for our democratic society.

The Teacher Preparation Program at the University of Richmond is structured to assist students in achieving the following objectives: (1) to gain knowledge of public education as a contemporary institution—its functions and governances; (2) to foster knowledge of the philosophical, sociological, psychological, and historical foundations of education; (3) to acquire knowledge of those characteristics of students which affect the learning process: intellectual, social, emotional, physical, and ethnic differences; (4) to obtain knowledge of the growth and development of students with emphasis on student learning and achievement; (5) to acquire knowledge of instructional trends, materials, techniques, and procedures pertinent to particular content areas and grade levels; (6) to develop competency in planning, implementing, and evaluating classroom instruction; (7) to develop competency in establishing and maintaining an orderly, supportive classroom environment; and (8) to acquire skills of self-examination as a means of personal and professional growth.

State Approved Program of Teacher Education

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 continued to maintain an Approved Program status and, as such, participates in the reciprocity of licensure with states that have

interstate agreements with Virginia. Currently Virginia has licensure reciprocity with approximately thirty states.

Teacher Education Advisory Committee for Approved Programs

Appointed by the Dean of the School of Arts and Sciences, this committee is composed of members representing the faculty of Arts and Sciences, the faculty of the Department of Education, public school personnel, and Education students at the University of Richmond.

Among the functions of this committee are: (1) to coordinate the total teacher preparation program; (2) to assure continuous interfaculty action needed for the operation of the program; (3) to conduct a continuing evaluation of the program and see that needed changes are made; and (4) to serve as a policy-making body for the teacher preparation program.

Teacher Preparation Chronology

Persons preparing to teach MUST follow the steps listed below:

Entrance Year

Declare your interest in education to your advisor as soon as possible.

Sophomore Year

- (1) Begin the education sequence of courses by enrolling in Education 200 and taking courses in the selected academic major.
- (2) During Education 200 complete the following requirements:
 - ~ Submit a completed Teacher Preparation Program application.
 - ~ Submit passing scores on the Praxis I.
 - ~ Maintain a cumulative grade point average of 2.50.
 - ~ Earn a grade of *C* or better in Education 200.

Junior Year

- (1) Enroll in appropriate courses preparatory to the student teaching block plan which is scheduled in the fall of the senior year.
- (2) By December, apply for admission to student teaching which will be taken during the fall term of the senior year. A grade point average of 2.50 is required to register for the professional block and to participate in student teaching.
- (3) Prospective teachers are encouraged to seek opportunities to work with school-age students.
- (4) Students interested in the Master of Teaching Program should consult the graduate catalog. Students may elect to enter the Master of Teaching program which offers a fifth year of professional studies. Interested students who meet the admission requirements must apply to the graduate school the spring semester of their junior year of studies. The fifth-year program culminates with a Master of Teaching degree in either Elementary Education, Secondary Education or Special Education, Learning Disabilities.

Senior Year

- (1) Take the professional block with student teaching.
- (2) Complete Career Development Center file and licensure application forms.
- (3) Anticipated state regulation requirement is that students take Praxis II in order to complete licensure and submit passing scores.

Master of Teaching Degree

The Department of Education offers a fifth year of study which leads to a Master of Teaching degree. This program includes beginning some graduate courses in the senior year. Interested students should consult the graduate catalog.

Licensure of Teachers

All students applying for initial licensure must submit test scores for the Praxis to the Department of Education, University of Richmond. These test results are to include passing scores in all areas. These scores will be forwarded to the State Department of Education with the student's application for licensure. Upon the conferral of the degree and the completion of the Approved Teacher Education Program, the State Department of Education will issue a Collegiate Professional License which is valid for five years and which is renewable with additional professional and/or college credit.

Steps in applying for Virginia teaching licensure: Through the Department of Education, University of Richmond, the applicant should:

- (1) Obtain an application for licensure.
- (2) Submit transcript(s) of all college work (including transfer credit).
- (3) Submit scores from the Praxis I.
- (4) Submit the appropriate application fee by certified check, cashier's check, or money order made payable to the State Department of Education by April 1.

State-Approved Teacher Education Programs at the University of Richmond

Elementary Education NK-5

Middle and Secondary Education

Art NK-12

English 6-8, 8-12

English and Speech 6-8, 8-12

English and Journalism 6-8, 8-12

English and Theater Arts 6-8, 8-12

French 8-12

German 8-12

Spanish 8-12

Latin 8-12

Health NK-12

Physical Education (Sport Science) NK-12

Mathematics 6-8, 8-12

General Mathematics 6-8, 8-12

Music-Instrumental NK-12
Music-Vocal/Choral NK-12
Biology 6-8, 8-12
Chemistry 6-8, 8-12
Physics 6-8, 8-12
Social Studies 6-8, 8-12

Requirements for Teacher Education at the University of Richmond

Admission to Teacher Education

The University of Richmond has established procedures by which students make application for admission to the Teacher Preparation Program.

During the first education course, usually Education 200, Perspectives in Education, the student applies for admission to the teacher preparation program. Admission is granted during the sophomore year upon completion of the course with a grade no lower than C (2.0), a favorable evaluation from the professor for that course, the achievement of a 2.50 or higher grade point average, and acceptable scores on the Praxis. Upon admission, the student is assigned an advisor in the Department of Education. Conferring with advisors in the Department of Education and the major field of study, the student develops a formal program of study.

Academic Requirements

Academic requirements for licensure are fulfilled by completing all general requirements including the specific requirements for professional studies and the academic major of the selected approved teaching level/area. Courses in Professional Education in which a grade of less than C is attained must be repeated. A student who earns less than a C in two Professional Education courses will not be permitted to continue in the education courses.

General Requirements

A. School of Arts and Sciences general education requirements (pages 54-56) to be completed satisfactorily.

B. Academic major: to be completed satisfactorily. Elementary Education: Students may elect any academic major offered in the liberal arts curricula of the School of Arts and Sciences. Middle and Secondary Education: First, the student must elect a licensure program subject-area(s) from those listed under the Middle and Secondary Education heading in the State Approved Teacher Education Programs section mentioned above. Second, the student must complete the related academic major according to the respective departmental requirements also including any specifics stated in the section Licensure Subject-Area Special Requirements following.

C. Professional coursework achievement: A grade of C (2.0) or higher must be attained on each required teacher education course. C- (1.7) is not acceptable.

D. Professional coursework curriculum: Satisfactory completion of a professional curriculum, either Elementary Education or Middle/Secondary below. Note: Additional courses may be taken in the Department of Education as electives. Independent studies are not available for students lacking one or more hours for graduation.

Professional Education and/or Minor Requirements

Students have the option of seeking licensure to teach by either fulfilling the minimum number of courses or electing to take one (elementary) or two (middle/secondary) courses to complete a minor in education. Select either Elementary Education or Middle/Secondary Education below.

Elementary Education (NK-5)

Required:

Education (EDUC)

- 200 Perspectives in Education, 4
- 300 Principles and Procedures of Early Education, 4
- 321 Literacy Development and Reading Instruction in the Elementary School, 4

- 323 Science in the Elementary School, 2
- 327 Mathematics in the Elementary School, 2
- 343 Computers in the Elementary Classroom, 2
- 425 Approaches to Teaching Integrated Arts and Social Studies, 3
- 438 Student Teaching Early Education (NK-5), 8
- 439 Student Teaching Seminar, 1

Students completing a minor in elementary education would also take Education 358, Classroom Management.

Psychology (PSYCH)

- 190 Child Psychology, 3
(Psychology 100 is a prerequisite.)

Note: All early education requirements and Psychology 190, Child Psychology, must be completed before student teaching.

Middle (6-8) Education and Secondary (8-12) Education

The subject areas of art, health, music, and physical education are comprehensive NK-12 endorsements. These are listed and described within this Middle and Secondary Education section because each represents a traditional academic area, and each is administered through the program of study for the middle and secondary schools.

All secondary endorsement areas follow this series of courses with the exceptions of modern foreign language, music, and physical education which have specialized methods courses as listed under that heading below.

Required:

Education (EDUC)

- 200 Perspectives in Education, 4
- 340 Educational Psychology, 4
- 342 Instructional Design and Evaluation, 3
- 344 Computers in the Secondary Classroom, 2
- 446 Research and Analysis of Teaching, 4;
OR Specialized methods course(s) by advisement (see list below)
- 449 Reading in the Content Fields, 3
- 479 Student Teaching Seminar, 1

Students completing a minor in middle/secondary education would also take Education 322, Exceptional Child, and Education 358, Classroom Management.

One of the following:

Education, Student Teaching (EDUC)

- 476 Middle Education (6-8), 8
- 477 Secondary Education (8-12), 8
- 478 Comprehensive Endorsement Subject-Area (NK-12), 8

Specialized Methods Courses

Health and Sport Science (HSS)

- 320 Sport Pedagogy, 3

Modern Foreign Languages and Literatures (MDLG)

- 410 The Teaching of a Modern Foreign Language, 3

Music (MUS)

- 305 Introduction to Music Education, 3
- 316 Teaching of Music in the Elementary School, 3
- 318 Teaching of Music in the Secondary School, 3

Licensure Subject Area Special Requirements

Licensure specifications for middle and secondary subject areas often require particular courses to be completed within the academic major. In certain cases licensure endorsements may be extended to subjects related to the academic major if the student wishes to elect this option. The following section lists each subject area and states any special requirements necessary to meet licensure specifications.

Requirements for related subject endorsements are also given where appropriate.

Students pursuing middle or secondary licensure should work closely with their major department advisors and the faculty in the Department of Education to be certain that general and specific requirements of the major are met.

ART ENDORSEMENT

Licensure is based on the **Studio Art** major which must include these courses:

Art Studio (ARTS)

- 101 Drawing I, 3
- 103 Sculpture I, 3
- 105 Painting I, 3
- 107 Printmaking I, 3
- 131 Ceramics I, 3
- 201 Drawing II, 3
- 205 Painting II, 3
- 222 Color and Design, 3
- 301 Drawing III, 3
- 465 Thesis I: Portfolio Development, 3

Art History (ART)

- 221 History and Appreciation of Art I, 3
- 222 History and Appreciation of Art II, 3

It is extremely important that all course requirements for the academic major be completed. Major requirements must be confirmed with your academic advisor.

BIOLOGY ENDORSEMENT

Required: 34 semester hours

Required: 16 hours

Biology (BIOL)

- 211 Organismal Biology I, 4
- 212 Organismal Biology II, 4
- 213 Genetics, 4
- 214 Cell and Molecular Biology, 4

Electives: Minimum of 16 hours of advanced courses from the following:

Biology (BIOL)

- 225 Evolution, 4
- 301 Microbiology, 4
- 303 Plant Morphology, 4
- 305 Plant Anatomy, 4
- 306 Systematic Botany, 4
- 307 Advanced Cell and Molecular Biology, 4
- 308 Comparative Vertebrate Biology, 4

- 309 Invertebrate Zoology, 4
- 311 Microanatomy, 4
- 312 Developmental Biology, 4
- 314 Molecular Genetics, 4
- 315 Plant-Microbe Interactions, 4
- 325 Molecular Evolution, 4
- 326 Mountain Ecology, 4
- 328 Vertebrate Biology, 4
- 330 Ecology, 4
- 331 Australian Ecology, 4
- 332 Tropical Marine Biology, 4
- 333 Microbial Ecology, 4
- 334 Oceanography, 4
- 335 Freshwater Biology, 4
- 336 Plant Physiology, 4
- 337 General Endocrinology, 4
- 374 Evolutionary Biology and Culture, 4
- 383 Tropical Biology and Culture, 4

Chemistry (CHEM)

- 325 Biochemistry I, 4

Required for Biology Major:

Chemistry (CHEM)

- 103 Fundamentals of Chemistry, 4
- 104 Fundamentals of Chemistry, 4
- 205 Organic Chemistry, 4
- 206 Organic Chemistry, 4

Recommended:

- Physics 201-202 General Physics with Calculus, 4-4
- Math 129 Applications of Statistics, 4

CHEMISTRY ENDORSEMENT

B.A. degree: 26 semester hours in Chemistry and 14 semester hours in related fields.

B.S. degree: 31 semester hours in Chemistry and 14 semester hours in related fields.

Required:

Chemistry (CHEM)

- 103-104 Fundamentals of Chemistry, 4-4
OR
- 151 Intensive General Chemistry, 4

205-206 Organic Chemistry, 4-4

300 Measurement Statistics, 1

301 Analysis I, 4

309 Physical Chemistry, 4

421-422 Senior Seminar, 1-1

The B.S. in Chemistry also requires Chemistry 310, Physical Chemistry, 4

Electives: 14 hours in related fields

Must include 8 hours of introductory physics.

Department approved related fields in Biology, Physics or Mathematics.

CLASSICAL LANGUAGE:

LATIN ENDORSEMENT

The Latin major is composed of 24 semester hours of Latin and 12 semester hours of related coursework comprised of Classics 302, Classics 305 or 306, History 331, and Latin 498.

Core Curriculum

Required: 12 semester hours

Classics (CLSC)

302 Roman Art and Archaeology, 3

305 Greek and Roman Values, 3
OR

306 Classical Tradition, 3

History (HIST)

331 History of the Roman Republic and Empire, 3

Latin (LATN)

498 Junior/Senior Seminar, 3

Electives

Required: 24 semester hours

Latin (LATN)

101 Elementary Latin, 3

102 Elementary Latin, 3

201 Intermediate Latin, 3

202 Intermediate Latin, 3

301 Catullus, 3

302 Plautus, 3

401 Caesar, 3

402 Ovid, 3

403 Roman Epic, 3

404 Roman Historiography, 3

405 Latin Lyric Poetry, 3

406 Roman Philosophical Literature, 3

407 Roman Satire, 3

408 The Novel, 3

409 The Latin Language, 3

410 Selected Topics, 3

411 The Teaching of High School Latin, 3

412 Cicero, 3

The holder of a Modern Foreign Language endorsement may add a Latin endorsement by presenting 24 semester hours of Latin which may include up to six hours of classical civilization.

ENGLISH ENDORSEMENT

These courses must be included in the major:

English (ENGL)

342 Modern Grammar, 3

376 Introduction to Composition Theory and Pedagogy, 3

3 semester hours from:

327 Modern Drama, 3

330 Survey of American Literature, 3

331 Twentieth-Century American Literature, 3

334 Literature of the South, 3

433 The American Novel, 3

3 semester hours from:

326 Twentieth-Century Poetry, 3

327 Modern Drama, 3

331 Twentieth-Century American Literature, 3

364 Literature of American Minorities, 3

433 The American Novel, 3

451 Modern Literary Theory, 3

Endorsements for the following areas require, in addition, these courses for the respective area:

Journalism (JOUR)

- 200 News Media and Society, 3
- 201 News Writing, 3
- 301 Copy Editing, 3
- 306 Graphics and Design, 3

Speech (SPCH)

- 101 Principles of Speech Communication, 3
- 105 Interpersonal Communication, 3
- 201 Argumentation and Debate, 3
- 206 Group Communication, 3

Theatre (THTR)

- 115 Theatre Appreciation, 3
- 201 Production I: Stagecraft, 3
- 212 Basics of Acting, 3
- 308 Basics of Directing, 3

HEALTH ENDORSEMENT

Required: 28 semester hours

Health and Sport Science (HSS)

- 300 Research and Evaluation in Health and Sport, 3
- 329 Health in Society, 3
- 330 Human Sexuality, 3
- 331 Nutrition, 3
- 333 Drugs and Society, 3
- 365 Human Anatomy and Physiology I, 4
- 366 Human Anatomy and Physiology II, 4
- 437 Health Programs, 3
- 495-496 Senior Forum, 2

Electives: 6 semester hours

- 335 Community Health, 3
- 336 Current Health Issues, 3
- 342 Dying, Death and Grief, 3
- 351 Sport Medicine I, 3
- 367 Physiology of Exercise, 3

Prerequisites:

- Biology 211-212 Organismal Biology, 8
- HSS 150 Dimensions of Wellness, 2
- Sport Science 010-099, Required Activity, 1

It is extremely important that all course requirements for the academic major be

completed. Major requirements must be confirmed with your academic advisor.

Additional Physical Education Endorsement

An endorsement in Physical Education may be added to the Health endorsement by completing 12 semester hours of the following courses:

Health and Sport Science (HSS)

Required: 9 semester hours

- 320 Sport Pedagogy, 3
- 353 History of Sport, 3
- 356 Motor Learning /Adaptations, 3

Recommended: 3 semester hours

One of the following:

- 212 Theory of Sport Coaching, 3
- 216 Outdoor Education, 2
- 357 Introduction to Sport Administration, 3
- 370 Legal Issues in Sport, 3
- 371 Sport Leadership, 3

PHYSICAL EDUCATION ENDORSEMENT

Health and Sport Science (HSS)

Required: 36 semester hours

- 300 Research & Evaluation in Health and Sport, 3
- 320 Sport Pedagogy, 3
- 351 Sport Medicine I, 3
- 353 History of Sport, 3
- 354 Sport Psychology, 3
- 355 Sport in Society, 3
- 356 Motor Learning/Adaptives, 3
- 357 Introduction to Sports Administration, 3
- 365 Anatomy/Physiology I, 4
- 368 Kinesiology, 3
- 495-96 Senior Forum, 2

Electives (strongly recommended)

- 212 Theory of Sport Coaching, 3
- 216 Outdoor Education, 3
- 370 Legal Issues in Sport, 3
- 371 Sport Leadership, 3

Prerequisites:

BIOL 102 or 211-212,4

HSS 150 Dimensions of Wellness, 2

SPSC 010-099 Required Activity, 1

It is extremely important that all course requirements for the academic major be completed. Major requirements must be confirmed with your academic advisor.

Additional Health Education Endorsement

An endorsement in Health Education may be added to the Physical Education endorsement by completing 12 semester hours of the following courses.

Required: 6 hours

329 Health in Society, 3

437 Health Programs, 3

Electives: 6 hours

330 Human Sexuality, 3

331 Nutrition, 3

333 Drugs and Society, 3

335 Community Health, 3

MATHEMATICS

This course must be completed as a part of the major:

Mathematics (MATH)

329 Mathematical Statistics I, 3

Recommended course:

Mathematics (MATH)

315 Modern Geometry, 3

Mathematics Endorsement

Required: 36 semester hours

111 Calculus with Algebra and Trigonometry II, 3
OR

211 Calculus I, 3

212 Calculus II, 3

235 Multivariate Calculus, 3

245 Linear Algebra, 3

250 Fundamentals of Abstract Mathematics, 3

306 Abstract Algebra I, 3

320 Real Analysis I, 3

329 Mathematical Statistics I, 3

Two of the following - 6 hours:

307 Abstract Algebra II, 3

321 Real Analysis II, 3

324 Continuous Mathematics Models, 3

330 Mathematical Statistics II, 3

331 Complex Variables, 3

336 Operations Research, 3

Computer Science - 3 semester hours

150 Introduction to Computers, 3

OR

155 Introduction to Scientific Computing, 3

Six additional hours of mathematics at the level of 240 or above must be taken. Mathematics 315, Modern Geometry, is recommended.

General Mathematics Endorsement

Note: The following is an endorsement and not in itself a major.

Required:

Mathematics (MATH)

110-111 Calculus with Algebra and Trigonometry I and II, 3-3

OR

211 Calculus I, 3

129 Applications of Statistics, 3

12 semester hours from:

Mathematics and/or Computer Science general mathematics, algebra, geometry, and probability.

MODERN FOREIGN LANGUAGES**French (FREN)**

The major must include:

a. Language - 9 semester hours from:

French

301 French Conversation, 3

305 French Composition, 3

401 French Phonetics, 3

- 402 Advanced French Conversation, 3
 404 Advanced Composition and Syntax, 3
- b. Culture and Civilization - 3 semester hours from:
- 311-312 Contemporary French Life and Issues, 3
 487 Contemporary Ideas, 3
- c. Literature - 15 semester hours:
- 321-322 Introduction to French Literature, 6
 9 semester hours from 400-level literature courses
- d. Elective - 3 semester hours:
- 410 The Teaching of a Modern Foreign Language, 3

Second foreign language endorsement, in addition, requires 24 semester hours, or the equivalent, in the language. If the second language is Latin, up to 6 of the 24 hours may be in Classical Civilization.

German (GERM)

The major must include:

- a. Language - 9 semester hours from:
- German**
- 301-302 German Conversation and Composition, 6
 402 Advanced German Conversation, 3
 404 Advanced Composition and Syntax, 3
- b. Culture and Civilization - 3 semester hours:
- 413 Contemporary German Civilization Seminar, 3
- c. Literature - 15 semester hours:
- 321-322 Introduction to German Literature, 6
 9 semester hours from 400-level literature courses
- d. Elective - 3 semester hours:
- 410 The Teaching of a Modern Foreign Language, 3

Second foreign language endorsement, in addition, requires 24 semester hours, or the equivalent, in the language. If the second language is Latin, up to 6 of the 24 hours may be in Classical Civilization.

Spanish (SPAN)

The major must include:

- a. Language - 9 semester hours from:

Spanish

- 301 Spanish Conversation, 3
 305 Spanish Composition, 3
 402 Advanced Spanish Conversation, 3
 404 Advanced Composition and Syntax, 3
- b. Culture and Civilization - 3 semester hours from:
- 311,312 Hispanic Civilization, 3, 3
 481 The Arts in Spain, 3
 482 The History of Spain, 3
- c. Literature - 15 semester hours from:
- 321-322 Introduction to Spanish Peninsular Literature, 6
 OR
 331-332 Introduction to Spanish-American Literature, 6
 9 hours from 400-level literature courses
- d. Elective - 3 semester hours:
- 410 The Teaching of a Modern Foreign Language

Second foreign language endorsement, in addition, requires 24 semester hours, or the equivalent, in the language. If the second language is Latin, up to 6 of the 24 hours may be in Classical Civilization.

MUSIC

The Bachelor of Music degree must be completed with the major area in Music Education and the applied major for these endorsements:

Instrumental NK-12 Endorsement

Music (MUS)

- 109 Elementary Musicianship, 4
 110 Tonal Harmony I, 3
 211 Tonal Harmony II, 3
 212 Analytic Approaches to Twentieth-Century Music, 3
 213 Computer Music, 3
 227-228 General History of Music, 6
 3 hours from Advanced Music History, 3 (231, 331, 332, 333, 334, 337 or 338)
 209-210 Conducting, 4

Ensemble (MSEN)

Required: 6 semester hours

Any combination to total 6 hours:

- 191 University Orchestra, 1
- 192 Jazz Ensemble, 1
- 193 University Band, 1
- 194 Jazz Combo, 1
- 195 University Choir, 1
- 197 Schola Cantorum, 1
- 199 Small Ensemble, 1

Applied Instrument (4 semesters), 12

355-356 Accompanying & Ensemble, 4

155-158 Keyboard Skills I, II, III, IV, 3
(Proficiency Exam available)

MSAP 160-360 Applied Voice, 2

OR

MUS 351 Class Voice (keyboard only), 1

347 Teaching Woodwind Instruments, 1

348 Teaching Brass Instruments, 1

349 Teaching Percussion Instruments, 1

350 Teaching String Instruments, 1

120 Class Guitar, 1

401 Senior Seminar, 2

Vocal/Choral NK-12 Endorsement**Music (MUS)**

109 Elementary Musicianship, 4

110 Tonal Harmony I, 3

211 Tonal Harmony II, 3

212 Analytic Approaches to
Twentieth-Century Music, 3

213 Computer Music, 3

227-228 General History of Music, 6

3 hours from Advanced Music History, 3
(231, 331, 332, 333, 334, 337 or 338)

209-210 Conducting, 4

Ensemble (MSEN)

Required: 6 semester hours

Any combination to total 6 hours:

- 191 University Orchestra, 1
- 192 Jazz Ensemble, 1
- 193 University Band, 1

194 Jazz Combo, 1

195 University Choir, 1

197 Schola Cantorum, 1

199 Small Ensemble, 1

Applied Voice or Keyboard (4 semesters), 12

355-356 Accompanying & Ensemble, 4

155-158 Keyboard Skills I, II, III, IV, 4
(Proficiency Exam available)

MSAP 160-360 Applied Voice, 2

OR

MUS 351 Class Voice (keyboard only), 1

347 Teaching Woodwind Instruments, 1

348 Teaching Brass Instruments, 1

349 Teaching Percussion Instruments, 1

350 Teaching String Instruments, 1

120 Class Guitar, 1

401 Senior Seminar, 2

109-110 Music Theory I, 7

PHYSICS ENDORSEMENT**Physics (PHYS)**

Required: 24 semester hours

101-102 General Physics, 4-4

OR

131-132 General Physics with Calculus, 4-4

205 Introduction to Modern Physics, 3

321 Intermediate Laboratory, 2

Physics Electives, 11*

*These electives are not specified for physics majors. However, for those students pursuing Teacher Education the electives are specified. (See Teacher Education Requirements below.)

Related Fields: 15 semester hours

Chemistry 103-104, 4-4

Additional hours, 7

Math 212

Teacher Education Requirements

Physics Electives: 11 semester hours

301 Math Methods in Physics, 3

303 Mechanics, 3

305 Electricity and Magnetism, 3
322 Intermediate Laboratory, 2
Major requirements must be confirmed with your academic advisor.

SOCIAL STUDIES ENDORSEMENT

Required: 42 semester hours

History (HIST): 18 hours

201-202 Ideas and Institutions of Western Civilization, 3-3

205 The United States to 1877, 3
OR

206 The United States since 1877, 3

3 hours from U.S. History: Select a course from the period not covered by the course taken under the General American History requirement, 3

3 hours from European History, 3

3 hours from East Asian, Latin American, Middle Eastern, or African History, 3

Students are encouraged to take 6 more hours of their choice from history courses numbered 302 to 398.

Political Science (PLSC): 12 hours

220 Intro to American Government, 3

3 hours from:

221 Intro to Public Policy, 3

240 Intro to Comparative Politics, 3

250 Intro to International Relations, 3

6 hours from:

300 Bureaucracy and Public Policy, 3

304 Virginia Government and Politics, 3

315 American Political Theory, 3

321 Women and Power in American Politics, 3

322 Public Opinion and Public Policy, 3

326 Legislative Process, 3

327 The American Presidency, 3

331 Constitutional Law, 3

333 Civil Rights/Liberties, 3

341 Great Britain, France, and Germany, 3

344 Europe Today, 3

347 Politics of Developing Nations, 3

350 American Foreign Policy, 3

Economics (ECON)

201-202 Principles of Economics, 3-3

Geography (GEOG)

206 World Regional Geography-Developed Regions, 3

207 World Regional Geography-Developing Regions, 3

This endorsement does not constitute a major. Consult with your academic advisor for your particular major requirements.

Courses

200 Perspectives in Education. Social and philosophical foundations of education from historical and contemporary perspectives; introduction of analytic tools used to study schools as social and political institutions; overview of roles and responsibilities of teachers and schools of the present and future. Introductory course for the teacher education program. Includes one semester hour of a field laboratory. *4 sem. hrs.* (FSSA)

201 Directed Observation and Participation in the Schools. Role of the classroom teacher in grades K-12; includes practical experience in interacting with children in a group setting. Graded pass/fail. *1 sem. hr.* (Transfer students allowed only when lacking Observation.)

300 Principles and Procedures of Early Education (NK-5). Examines cognitive, social, emotional, and physical characteristics of children as a basis for developing effective teaching practices and programs, and for formulating criteria used in the selection and evaluation of instructional materials and equipment. Includes one semester hour of a field laboratory. *Pre-requisite:* Education 200. May be taken concurrently. *4 sem. hrs.*

310 Characteristics of Children with Learning Disabilities. Explores the historical background and legal aspects of the field of specific learning disabilities. Major emphasis on the etiological theories, symptomology, identification, and current research. *Prerequisite:* Education 322. *3 sem. hrs.*

312-313-314 Independent Study in Education. Special projects and practical experience in educational programs. Weekly seminar required. *1-2-3 sem. hrs.*

315 Foundations of Instruction and Evaluation in Mathematics. Procedures of construction, analysis, and evaluation of tests for mathematics instruction. Administration and interpretation of diagnostic and corrective techniques, principles, and practices of re-

medial mathematics teaching. Teaching problems, instructional materials, learning difficulties and new programs in mathematics. *3 sem. hrs.*

316 Special Topics. Accommodates special needs of teachers and school systems through the 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 a residential setting. Graded pass/fail. *Prerequisite:* Selection as Residential Life staff member or permission of instructor. *1 sem. hr.*

321 Literacy Development and Reading Instruction in the Elementary School. An in-depth examination of developmental nature of language and reading ability and its link to literacy development. Study of methods and materials associated with reading instruction will be explored. *Prerequisite:* Education 300. *4 sem. hrs.*

322 Exceptional Child. Incorporates the inter- and intra-individual differences of students who have unique cognitive, sensory, behavior, communication, physical, and learning characteristics. Includes students with multiple handicaps. Definitions, incidence, and placement protocols emphasized. *3 sem. hrs.*

323 Science in the Elementary School. Theories, research, methods and materials relevant to teaching science at the NK-5 grade level; theoretical foundations; empirical research; constructivism; teaching strategies; problem solving; process skills. Experience with use of technology in context of science instruction. Includes two hours of lecture and one hour of laboratory per week. *Prerequisite or corequisite:* Education 300. *3 sem. hrs.*

327 Mathematics in the Elementary School. Theories, research, methods and materials relevant to teaching mathematics at the NK-5 grade level; theoretical foundations; empirical research; constructivism; teaching strategies; problem solving; fundamental logical/mathematical concepts; arithmetic; geometry; measurement. Experience with the use of technology in the context of mathematics instruction. Includes two hours of lecture and one hour of laboratory a week. *Prerequisite or corequisite:* Education 300. *3 sem. hrs.*

333 Seminar in Drug Education. (See Health and Sport Science 333.) *3 sem. hrs.*

340 Educational Psychology. Adolescent growth and development with specific emphasis on learning theory, motivation, the social context, and exceptionalities and their impact on the classroom. One semester hour field experience for students to observe and interact with

adolescents in urban and suburban classroom environments including regular, vocational, and mainstreamed settings. Psychology 100 is recommended. *Prerequisite:* Education 200. *4 sem. hrs.*

342 Instructional Design and Evaluation. Process of establishing appropriate goals and objectives for instruction in the middle and secondary schools including writing cognitive, affective, and psychomotor objectives and using these in the planning and evaluation aspects of instruction. Attention to the design, construction, use of classroom tests, and general principles of assessment. *3 sem. hrs.*

343 Computers in the Elementary Classroom. Theory and pedagogy related to using technology for instruction in all areas of elementary curriculum. Instruction in practical use of computers and multimedia. Introduction to electronic communication and the Internet. Includes two hours of lecture and one hour of laboratory per week. *Prerequisite or corequisite:* Education 300. *3 sem. hrs.*

344 Computers in the Secondary Classroom. Theory and pedagogy related to using technology for instruction in all areas of secondary curriculum. Instruction in practical use of computers and multimedia. Introduction to electronic communication and the Internet. Includes two hours of lecture and one hour of laboratory per week. *3 sem. hrs.*

345 Consultation and Curriculum Adaptations. Includes developing a knowledge base for teaching all exceptionalities, at all grade levels in inclusive settings. Information on assessment, support services and appropriate technology is included. *3 sem. hrs.*

357 Diagnosis and Correction of Reading Difficulties. Factors involved with reading deficiencies, examining diagnostic instruments, interpreting test results, planning remedial and clinical programs and establishing criteria for referral, diagnosis and remediation. Includes a tutoring experience. *Prerequisite:* Education 321. *4 sem. hrs.*

358 Classroom Management. Behavioral principles and procedures for reducing classroom problems, increasing motivation, and strengthening desired classroom behavior. Focus on practical applications. *3 sem. hrs.*

362 Foundations of Writing and Spelling in the English Language. Comprehensive overview of historical and developmental aspects of spelling and writing. Special emphasis on curriculum, teaching approaches, and remediation. *3 sem. hrs.*

385 Teaching At-Risk Learners. Characteristics of at-risk students and identification of special personal and educational needs. Instructional and curricular approaches to learning and teaching. *3 sem. hrs.*

404 Theory and Development in Early Education. Describes historical, theoretical and philosophi-

cal framework and contributions of selected educational leaders to educational thought and practice. Program models and pedagogy which lead to design of curricula appropriate for young children birth through 8 will be examined. *3 sem. hrs.*

425 Approaches to Teaching Integrated Arts and Social Studies. Examines the purposes and curriculum structure of the arts and social studies programs in the elementary school including techniques, activities, and materials appropriate to art, music, movement, and social studies curricula. Includes three hours of lecture and one hour of laboratory a week. *Prerequisites:* Education 323 and 327. *4 sem. hrs.*

438 Student Teaching Early Education (NK-5). See description under Education 478 below. *8 sem. hrs.*

439 Student Teaching Seminar. Seminar correlates with the elementary student teaching. A forum for the discussion and examination of critical issues related to students' teaching responsibilities and competence. *1 sem. hr.*

446 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. *4 sem. hrs.*

449 Reading in the Content Fields. Reading and critical thinking in elementary, middle and secondary school content areas. Specific strategies are explored that enhance comprehension, concept development, and vocabulary knowledge. Effects of text organization and relationship between reading and writing are examined for all content areas. *3 sem. hrs.*

451 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, ways of integrating books into the curriculum. *3 sem. hrs.*

Student Teaching

476 Middle Education (6-8). *8 sem. hrs.*

477 Secondary Education (8-12). *8 sem. hrs.*

478 Comprehensive Endorsement Subject Area (NK-12) *8 sem. hrs.* Involves working directly with students in a classroom on a full-time basis under the direction of a 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. *Prerequisites:* Cumulative grade point average of at least 2.500 and timely application. By December 10 of the preceding year, an application to student

teach must be submitted to the Department of Education for approval by the Department and the academic department of the major.

479 Student Teaching Seminar. Seminar correlates with the middle and secondary student teaching. A forum for the discussion and examination of critical issues related to students' teaching responsibilities and competence. *1 sem. hr.*

English (ENGL)

Raymond F. Hilliard, *Chair*

Professors I. Brown, Dance, Dickerson, Griffin, Hilliard, Loxterman, McMurtry, Nelson, W. D. Taylor
Associate Professors Barza, Givens, Hickey, S. Jones, MacAllister, Oberg, Schwartz, Tremaine
Assistant Professors Gruner, Hewett-Smith, Pethica, Russell
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 199, Introduction to Literary Analysis, is a prerequisite to most advanced literature courses. A grade of *C* (2.0) or better is required in all coursework comprising the English major or the minor.

The English Major

Thirty-six semester hours in English approved by the Department as noted below.

English 199 3 hours

Four period courses,
two from group A and
two from group B 12 hours

Two American literature courses
at the 300 or 400 level,
one of which must be
English 330 6 hours

One theory course 3 hours

One major author course 3 hours

Two topics seminars at the
400 level 6 hours

(400-level courses are more specialized than those at the 300-level and often have a 300-level prerequisite.)

One elective at the 300 or 400 level 3 hours

The English Minor

Twenty-one hours in English approved by the Department as noted below.

English 199	3 hours
Two period courses, one from group A and one from group B	6 hours
One American Literature course at the 300 or 400 level	3 hours
Two 400-level courses	6 hours
One elective course at the 300 or 400 level	3 hours

English 199 is a prerequisite to most 300- and 400-level English courses.

No English 100-level course may be used to meet the field-of-study Literary Studies requirement.

Special topics seminars may be taken more than once for credit when topic changes.

Honors Program

To earn honors in English, a major must complete three additional hours in a Special Topics Seminar or in a Graduate Course (choice to be made in consultation with the Honors Coordinator). The student must also complete three hours of thesis writing (English 499, Honors Thesis) and 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 declared by the second semester of their junior year are disqualified from further honors consideration. Those who have declared that they are seeking honors will be considered candidates until they fail to meet one of the program's requirements.

For further information and advice on standards and curriculum, see the Honors Coordinator.

First and Second-Year Courses

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)*

199 Introduction to Literary Analysis. Essentials of critical reading (close textual analysis) and critical writing (with special attention to theory, critical vocabulary, and methodology of literary interpretation). *Prerequisite:* English 103 with grade of C (2.0) or better or exemption from English 103. *3 sem. hrs.*

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. *3 sem. hrs. (FSLT)*

204 Literature and Culture. Representation of cultural identity and experience in works drawn from diverse cultural traditions. *3 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. *3 sem. hrs. (FSLT)*

208 Twentieth-Century American Fiction. Textual analysis of novels and shorter fiction representing diverse authors, themes, movements, and techniques. *3 sem. hrs. (FSLT)*

209 Special Topics in Literary History. Topic stated for term; may change from term to term. *3 sem. hrs.*

211 American Literature and the Land. Pastoral tradition in American literature from Colonial times to present. *3 sem. hrs.*

213 Literature and Human Issues. Major issues in human experience in various literary traditions, past and present. *3 sem. hrs.*

215 Reading Science Fiction. Analysis of selected works of science fiction. *3 sem. hrs. (FSLT)*

216 Literature, Technology and Society. Literary and nonliterary texts that react, in given society and period of history, to technological change and social effects of technology. *3 sem. hrs. (FSLT)*

217 The Bible and Literature. Study of representative texts from the Hebrew bible and the New Testament, and examination of their relationships to later works of drama, poetry, short stories, and the novel. *3 sem. hrs.* (FSLT)

218 African Literature. Representative works from written traditions in modern African literature. *3 sem. hrs.* (FSLT)

219 Special Topics in Literary Themes. Topic stated for term; may change from term to term. *3 sem. hrs.*

220 Film Studies. Language of film and techniques of production (e.g. editing, lighting) as applied to narrative or non-narrative film (documentary, experimental). *3 sem. hrs.*

221 Introduction to Poetry. Analysis of works by selected poets. *3 sem hrs.* (FSLT)

222 Short Fiction. Rigorous textual analysis of short fiction as means of defining its many formal and philosophical expressions. *3 sem. hrs.* (FSLT)

223 The Modern Novel. Analysis of selected twentieth-century novels. *3 sem. hrs.* (FSLT)

224 Great Novels. Selected major British and American novels of eighteenth, nineteenth, and twentieth centuries. *3 sem. hrs.* (FSLT)

225 Selected Fiction by Women. Analysis and interpretation of novels and/or stories by women writers. *3 sem hrs.* (FSLT)

226 Love and War in Medieval Literature. Selected readings in medieval literature (some in translation), with focus on literary representations of love and war. *3 sem. hrs.* (FSLT)

228 World Drama. Analysis of significant works, both traditional and contemporary. *3 sem. hrs.* (FSLT)

229 Special Topics in Genre. Topic stated for term; may change from term to term. *3 sem. hrs.*

230 Women in Modern Literature. Modern woman's search for identity and struggle for self-realization through study of selected figures from nineteenth- and twentieth-century literature. *3 sem. hrs.* (FSLT)

231 African-American Literature. Survey of major works of African-American literature with attention to oral traditional contexts. *3 sem. hrs.* (FSLT)

232 Southern Fiction. Fiction of both old and new South with attention to themes, techniques, and perspectives of the region. *3 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. *3 sem. hrs.* (FSLT)

234 Shakespeare. Analysis of selected plays and poems from variety of critical perspectives. *3 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. *3 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. *3 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. *3 sem. hrs.* (FSLT)

238 Leadership, Ancient and Modern. Representations of patterns of leadership in selected works from various cultures and periods of history. *3 sem. hrs.* (FSLT)

239 Special Topics in Literary Perspective. Topic stated for term; may change from term to term. *3 sem. hrs.*

Advanced Literature Courses

(In special cases students lacking the stated prerequisite may be admitted by permission of instructor.)

Period Courses in British Literature: Majors must take four of those listed below, two from Group A and two from Group B. Period courses should be taken sequentially when this is possible. The entire sequence need not be finished before taking topics courses for which the student has taken the particular prerequisite courses.

Group A

311 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 199 with grade of C (2.0) or better. *3 sem. hrs.*

312 Literature of the English Renaissance. Studies in literature and cultural traditions of 16th and early 17th century Great Britain. *Prerequisite:* English 199 with grade of C (2.0) or better. *3 sem. hrs.*

313 English Literature of the Restoration and 18th Century. Focus on representative British authors of the late seventeenth and eighteenth centuries. *Prerequisite:* English 199 with grade of C (2.0) or better. *3 sem. hrs.*

Group B

314 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 199 with grade of C (2.0) or better. 3 sem. hrs.

315 English Literature of the Victorian Period. Focus on representative British poets, novelists, and prose writers, 1832-1914, with attention to contemporary social, political, religious, and scientific issues. *Prerequisite:* English 199 with grade of C (2.0) or better. 3 sem. hrs.

316 Twentieth-Century British Literature. Reflections of modern sensibility in fiction and poetry of native British and Irish authors and American expatriates. *Prerequisite:* English 199 with grade of C (2.0) or better. 3 sem. hrs.

American Literature Courses

330 Survey of American Literature. Development of major patterns in American literature from Colonial period to the 1920s. *Prerequisite:* One of the following: English 199, 206, 208, 210, 211, 231, 232, or 233 with grade of C (2.0) or better. 3 sem. hrs.

331 Twentieth-Century American Literature. Development of literary form and thought from the American experience. *Prerequisite:* English 199 with grade of C (2.0) or better. 3 sem. hrs.

334 Literature of the South. Representative poetry and prose of the Southern states, with attention to cultural, social, and political backgrounds. *Prerequisite:* English 199 with grade of C (2.0) or better. 3 sem. hrs.

364 Literature of American Minorities. Literature of American minority groups in relation to mainstream concerns of American literature. *Prerequisite:* English 199 with grade of C (2.0) or better or permission of instructor. 3 sem. hrs.

366 Black Women Writers. Representative prose and poetry written by Black women. Focus and content announced each semester. May sometimes cover range of African-American literature, from slavery to present. Other times may focus on twentieth-century literature by Black women in United States, Africa, and Caribbean. *Prerequisite:* English 199 or English 230 with grade of C (2.0) or better or permission of instructor. 3 sem. hrs.

430 Topics in American Literature to 1900. *Prerequisite:* English 330 with grade of C (2.0) or better. 3 sem. hrs.

431 Topics in American Literature after 1900. *Prerequisite:* English 330 with grade of C (2.0) or better. 3 sem. hrs.

The focus of English 430 and 431 will vary at the discretion of the instructor and be announced each semester. Each of the two courses may be taken more than once for credit when topic changes. English 433 may be used to meet the American literature requirement; it may not be used to meet the seminar requirement.

433 The American Novel. Representative American novels from late 18th to 20th century. *Prerequisite:* English 330 with grade of C (2.0) or better. 3 sem. hrs.

Major Author Courses: Majors must take one of the following major author courses:

402 Chaucer. Selected early works, Troilus and Criseyde, and The Canterbury Tales, with attention to Chaucer's life in context of late fourteenth-century culture and ideology. *Prerequisite:* English 311 with grade of C (2.0) or better. 3 sem. hrs. (FSLT)

403 Shakespeare to 1600. Earlier plays: comedies, tragedies, histories. *Prerequisite:* English 312 with grade of C (2.0) or better. 3 sem. hrs. (FSLT)

404 Shakespeare after 1600. Mature tragedies. *Prerequisite:* English 312 with grade of C (2.0) or better. 3 sem. hrs. (FSLT)

405 Milton. Major poems, with emphasis on Paradise Lost, and selected prose. *Prerequisite:* English 312 with grade of C (2.0) or better. 3 sem. hrs. (FSLT)

406 Critical Approaches to Shakespeare. Selected plays, with attention to different modes of critical analysis. *Prerequisite:* English 312 with grade of C (2.0) or better. 3 sem. hrs. (FSLT)

Theory Courses

353 Technique and Meaning of Poetry. How creative tools available to poets shape and influence presentation of theme. *Prerequisite:* English 199 with grade of C (2.0) or better. 3 sem. hrs.

354 Technique and Meaning of Fiction. Analysis of narrative technique and theory. *Prerequisite:* English 199 with grade of C (2.0) or better. 3 sem. hrs.

450 Critics since Plato. Ways of looking at art and literature in their philosophical context. Theories applied to variety of literary texts. *Prerequisites:* English 199 and three semester hours of 300-level English with grades of C (2.0) or better. 3 sem. hrs.

451 Modern Literary Theory. Twentieth-century critical perspectives. *Prerequisites:* English 199 and three semester hours of 300-level English with grades of C (2.0) or better. 3 sem. hrs.

452 Topics in Literary Theory. *Prerequisites:* English 199 and three semester hours of 300-level English with grades of C (2.0) or better. 3 sem. hrs.

Topics Seminars

411 Topics in Medieval Literature. *Prerequisite:* English 311 with grade of *C* (2.0) or better. *3 sem. hrs.*

412 Topics in Renaissance Literature. *Prerequisite:* English 312 with grade of *C* (2.0) or better. *3 sem. hrs.*

413 Topics in Restoration and 18th-Century Literature. *Prerequisite:* English 313 with grade of *C* (2.0) or better. *3 sem. hrs.*

414 Topics in Romantic Literature. *Prerequisite:* English 314 with grade of *C* (2.0) or better. *3 sem. hrs.*

415 Topics in Victorian Literature. *Prerequisite:* English 315 with grade of *C* (2.0) or better. *3 sem. hrs.*

416 Topics in 20th-Century British Literature. *Prerequisite:* English 316 with grade of *C* (2.0) or better. *3 sem. hrs.*

419 Topics in Genre. *Prerequisites:* English 199 and three semester hours of 300-level English with grades of *C* (2.0) or better. *3 sem. hrs.*

420 Topics in Literary History. *Prerequisites:* English 199 and three semester hours of 300-level English with grades of *C* (2.0) or better. *3 sem. hrs.*

421 Topics in Comparative Literature. *Prerequisites:* English 199 and three semester hours of 300-level English with grades of *C* (2.0) or better or permission of instructor. *3 sem. hrs.*

422 Topics in Literary Themes. *Prerequisites:* English 199 and three semester hours of 300-level English with grades of *C* (2.0) or better. *3 sem. hrs.*

423 Topics in Literary Perspectives. *Prerequisites:* English 199 and three-hour literature course at 300-level with grades of *C* (2.0) or better. *3 sem. hrs.*

424 Topics in Film. *Prerequisites:* English 199 and one 300-level literature course or English 370 with grades of *C* (2.0) or better. *3 sem. hrs.*

430 Topics in American Literature to 1900. *Prerequisite:* English 330 with grade of *C* (2.0) or better. *3 sem. hrs.*

431 Topics in American Literature after 1900. *Prerequisite:* English 330 with grade of *C* (2.0) or better. *3 sem. hrs.*

452 Topics in Literary Theory. *Prerequisites:* English 199 and three semester hours of 300-level English with grades of *C* (2.0) or better. *3 sem. hrs.*

Elective Courses. Majors must choose one additional course from those listed below or from the categories above.

326 Twentieth-Century Poetry. Analyses of representative works by major American and British poets,

with demonstration of modern technical innovations and discussions of thematic concerns. *Prerequisite:* English 199 with grade of *C* (2.0) or better. *3 sem. hrs.*

327 Modern Drama. British and American drama with attention to European backgrounds. *Prerequisite:* English 199 with grade of *C* (2.0) or better. *3 sem. hrs.*

328 Contemporary British and American Drama. Developments since World War II. *Prerequisite:* English 199 with grade of *C* (2.0) or better. *3 sem. hrs.*

341 Development of the English Language. Language as it evolved from Indo-European. Emphasis on sound changes in Anglo-Saxon and Middle English dialectology, vocabulary development, and dictionaries. *Prerequisite:* English 199 with grade of *C* (2.0) or better. *3 sem. hrs.*

342 Modern Grammar. Introduction to linguistics, including theories and practices of structuralists and transformationalists. (Meets state licensure requirements for teaching. Modern Language (MDLG) 407 or 408, Topics in Linguistics, may be substituted for this licensure requirement.) *Prerequisite:* English 103 with grade of *C* (2.0) or better. *3 sem. hrs.*

343 Advanced Composition. Various theories of rhetoric as applied to actual writing problems. Stress on writing process, especially in reference to informative and persuasive writing. *Prerequisite:* English 199 or any 200-level English course with grade of *C* (2.0) or better or permission of instructor. *3 sem. hrs.*

360 Women and Creativity. Selected women writers, their work and relationship to their society. *Prerequisite:* English 199 or 230 with grade of *C* (2.0) or better or permission of instructor. *3 sem. hrs.*

367 Creative Writing. Introduction to general principles. Students' fiction and poetry receive critical evaluation through workshops and conferences. *Prerequisite:* English 199 or three semester hours of 200-level English with grade of *C* (2.0) or better. *3 sem. hrs.*

368 Creative Writing: Fiction. Analysis of literary models. Discussion and evaluation of students' own fiction. *Prerequisite:* English 199 or three semester hours of 200-level English with grade of *C* (2.0) or better. *3 sem. hrs.*

369 Creative Writing: Poetry and Drama. Analysis of literary models. Discussion and evaluation of students' own poetry and drama. *Prerequisite:* English 199 or three semester hours of 200-level English with grade of *C* (2.0) or better. *3 sem. hrs.*

370 History and Aesthetics of Film. Topics include rise of studio system, major international directors, and popular genres. (Same as Art 370.) *Prerequisite:* English 199 with grade of *C* (2.0) or better. *3 sem. hrs.*

374 Independent Study. Individually designed course of study conducted under supervision of faculty member. *Prerequisite:* Approval of directing faculty member. *1-3 sem. hrs.*

376 Introduction to Composition Theory and Pedagogy. Serves as practicum for writing fellows and students seeking teacher licensure. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

380 Caribbean Literature. Survey of Anglo-Caribbean literature with emphasis on contemporary works. *Prerequisite:* English 199 or International Studies 201 with grade of *C* (2.0) or better or permission of instructor. *3 sem. hrs.*

399 Selected Topics. Topics will vary from semester to semester. *3 sem. hrs.*

499 Thesis Direction. Research and writing of Honors Thesis in English. *3 sem. hrs.*

Additional courses.

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.

372 Television as a Cultural Force. (Summer only.) Study of television medium in which students attend lectures, screenings, interviews, tours, rehearsals, and seminars; and meet producers, directors, executives, and actors. Examination of family images in television programming and advertising. Taught in Los Angeles, California area. (Same as Religion 372.) *6 sem. hrs.*

375 Using Literature to Craft Classroom Writing. (Summer only.) May not be counted for required hours in the English major. (Same as Education 316, Special Topics: Using Literature to Craft Classroom Writing.) *3 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 three 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. *1-3 sem. hrs.*

Geography (GEOG)

(See International Studies)

Health and Sport Science (HSS or SPSC)

Robert W. McGowan, *Chair*

Professor Rohaly

Associate Professors Jordan, McGowan, Pate, Pierce

Instructors Hammer, Hogan,

Director of Wellness Johnson

HEALTH (HSS)

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

No Health and Sport Science course, with the exception of 300, 365, 495 and 496, may be counted more than once toward any major or minor taken within the department.

The Health Major

For either the Bachelor of Arts or Bachelor of Science degree:

Health and Sport Science 300, 329, 330, 331, 333, 365, 366, 437, 495, 496	28 hours
Biology 211-212	8 hours
Chemistry 103-104	8 hours
Elective coursework chosen from Health and Sport Science approved by the department	6 hours

And for the Bachelor of Science degree:

Mathematics 212	3 hours
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The Health Major for Teaching

To qualify for the Virginia Professional Teaching License in Health Education K-12, the student must make certain course selections in conjunction with the course requirements shown above. These course selections are shown under the listing for the Department of Education on pages 76-89. Also shown in that location is the additional coursework needed to qualify for Physical Education licensure while completing the major and licensure requirements for Health. Moreover, in the same location un-

der “Physical Education” are the requirements for coursework to qualify for Health licensure while completing a Physical Education major and licensure program. For additional information about the Teacher Education program in Health and Physical Education, contact the Department of Health and Sport Science and the Department of Education.

The Health Minor

Health and Sport Science
300, 329, 330, 331, 333, 342 12 hours

Elective courses from:

Health and Sport Science
approved by the department 6 hours

Note: The Sport Science major must take 15 hours other than 300 and 365.

SPORT SCIENCE (SPSC)

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

No Health and Sport Science course, with the exceptions of 300,365,495 and 496 may be counted more than once toward any major or minor taken within the department.

The Sport Science Major

For either the Bachelor of Arts or Bachelor of Science degree:

Health and Sport Science 300,
354, 355, 365, 367, 495, 496 18 hours

Elective courses from
Health and Sport Science
approved by the department 15 hours

And for the Bachelor of Arts degree:

Biology 102 4 hours

And for the Bachelor of Science degree:

Biology 211-212 8 hours

Mathematics 212 3 hours

*For more information about the Sport Science concentrations of Exercise Physiology, Sport Psychology/Sociology, or Sport Management, contact the Health and Sport Science Department.

The Sport Science Major for Teaching

To qualify for the Virginia Professional Teaching License in Physical Education K - 12, the student must make certain course selections in conjunction with the course requirements shown above. These course selections are shown under the listing for the Department of Education on pages 76-89. Also shown in that location is the additional coursework needed to qualify for Health licensure while completing the major and licensure requirements for Physical Education.

Moreover, in the same location under “Health” are the requirements for coursework to qualify for Physical Education licensure while completing a Health major and licensure program.

For additional information about the Teacher Education program in Health and Physical Education, contact the Department of Health and Sport Science and the Department of Education.

The Sport Science Minor

Health and Sport Science
300, 355, 365, 367, 368 16 hours

Elective courses from
Health and Sport Science
approved by the department 2 hours

Note: The Health major must take 15 hours other than 300 and 365.

The Sport Management Minor

Health and Sport Science
355, 357, 359, 370 12 hours

Elective courses approved
by the department 6 hours

Courses For Major, Minor, or Academic Elective Credit

The following courses are listed under department code “HSS” in the *Schedule of Classes*.

101 Skin and Scuba Diving. Skill learning, physiological considerations, and safety factors involved in underwater diving. Lecture and laboratory sessions involve 3 hours a week. Students receive N.A.U.I. certification upon successful completion of course. *Prerequisite:* Permission of instructor. 2 sem. hrs.

102 Advanced Scuba Diving. Advanced diving theory and practice of underwater navigation; search and recovery; salvage techniques; accident management; cardiorespiratory resuscitation; communications and deep diving. *Prerequisite:* Health and Sport Science 101 or Basic certification. *2 sem. hrs.*

103 Advanced Lifesaving. Safety concepts and skills relevant to aquatics. Students receive Red Cross certification upon successful completion of course. *1 sem. hr.*

104 Water Safety Instructor. Students earn Red Cross Water Safety Instructor Certification upon successful completion of course. *Prerequisite:* Health and Sport Science 103. *2 sem. hrs.*

150 Dimensions of Wellness. Introduction to selected health, fitness, and wellness concepts. Should be taken within the first two years. *2 sem. hrs.* (HSS1)

212 Theory of Sport Coaching. Basic skills, theories, practices, rules analysis, and techniques for sport coaching at selected participation levels. May be repeated for credit when topics vary. *3 sem. hrs.*

216 Outdoor Education. Outdoor education experience in classroom and wilderness setting to allow student to gain knowledge/skills in camping, wilderness survival, canoeing, orienteering, and environmental studies. *2 sem. hrs.*

232 Eating Behavior and Health. Introduction to nutrition principles and exploration of eating behaviors, weight control, and body image. Emphasizes permanent lifestyle habits and current research. *3 sem. hrs.*

300 Research and Evaluation in Health and Sport. Examines use of scientific methods of collecting, organizing, and analyzing data specific to health and sport disciplines. Introduction to microcomputer program design and software application. Evaluative models of sport and health examined. *3 sem. hrs.*

320 Sport Pedagogy. Practical experience in developing lesson plans, implementing skills tests, and teaching selected sport skills in laboratory and class settings. Movement curriculum and methodology of skills pedagogy for K-12 explored. *3 sem. hrs.*

329 Health Psychology. Concepts in health psychology applied to selected micro and macro health issues. *Recommended prerequisite:* Health and Sport Science 150 or permission of instructor. *3 sem. hrs.*

330 Human Sexuality. Theoretical research view of human sexuality from three perspectives: biological, behavioral, and cultural. (Same as Psychology 330.) *3 sem. hrs.*

331 Nutrition. Examines nutrition principles emphasizing physiological and chemical properties of each nutrient. Current trends and physiological and psychological health problems associated with dietary habits included. *Suggested prerequisite:* Chemistry 103-104. *3 sem. hrs.*

333 Drugs and Society. In-depth analysis of drugs, the drug user, and drug-related problems in our society. (Same as Education 333.) *3 sem. hrs.*

335 Community Health. Fundamentals of public health practices. Emphasizes community health problems of economic and social significance on local, state, and national levels; programs and agencies designed to assist in solving these problems. *3 sem. hrs.*

336 Current Health Issues. Contemporary topics with emphasis on controversial issues. *3 sem. hrs.*

338 Issues in Women's Health. Global, national, and personal study of historical, contemporary, and controversial issues related to women's health. *3 sem. hrs.*

342 Dying, Death, and Grief. (See Sociology 342.) *3 sem. hrs.*

351 Sport Medicine I. Introduction to injury associated with athletic competition. Emphasis on prevention, basic treatment, and management of athletic-related injuries. Laboratory experience focused on preventative taping and basic first aid techniques. *3 sem. hrs.*

352 Sport Medicine II. Advanced investigation into athletic-related injuries. Emphasis on evaluation, therapeutic modalities, and rehabilitation techniques. Laboratory experience focuses on joint testing, treatment applications, rehabilitation protocols, and disposition of emergency procedures. *Prerequisite:* Health and Sport Science 351. *3 sem. hrs.*

353 History of Sport. Survey of historical sport development from ancient times to present. *3 sem. hrs.*

354 Sport Psychology. Addresses psychological aspects of sport performance. Discussions include theories and models pertinent to competitive involvement in games, sport, and athletics. *Recommended prerequisite:* Psychology 100. *3 sem. hrs.*

355 Sport in Society. Foundation for critical understanding of and appreciation for the centrality and importance of sport in contemporary society. Several institutions of society examined in relation to sport. *3 sem. hrs.*

356 Motor Learning and Adaptives. Gross motor learning theories and effective learning methods for normal and challenged individuals. Directed observation and related experiences in activity situations. *3 sem. hrs.*

357 Introduction to Sport Administration. Modern theories and guiding principles in organization and administration of sport agencies, including school, community, and private sector. *3 sem. hrs.*

359 Health and Sport Marketing. Foundations for applying marketing concepts to health and sport settings. *3 sem. hrs.*

365 Human Anatomy and Physiology I. Introduction to human anatomical structures and physiological systems (e.g., cardiovascular, muscle, nervous) related to human activities. Three lecture and two laboratory hours a week. (Same as Biology 365.) *Prerequisite:* Biology 102 or 211-212. *4-8 sem. hrs.*

366 Human Anatomy and Physiology II. Introduction to human anatomical structures and physiological systems (e.g., endocrine, digestive) related to mechanism of homeostasis. Three lecture and two laboratory hours a week. (Same as Biology 366.) *Prerequisite:* Biology 102 or 211-212. *4-8 sem. hrs.*

367 Physiology of Exercise. Functional study of circulatory, digestive, respiratory, nervous, and muscular systems of human body. Physiological responses related to physical activities and sport training. *Prerequisite:* Health and Sport Science 365. *3 sem. hrs.*

368 Kinesiology. Skeletal, nervous, and muscular systems and their relationship to body movement in health, sport, and exercise. Principles of physics utilized to aid in analyzing sport and medical entities. *Recommended prerequisite:* Health and Sport Science 365 or permission of instructor. *3 sem. hrs.*

370 Legal Issues in Sport. Examination of basic principles of legal concepts in collegiate, professional, recreational, and high school settings. Students develop risk management plans as focus of course. *3 sem. hrs.*

371 Sport Leadership. Examines tenets of leadership in sport settings. Leadership styles and roles, group dynamics, gender and diversity issues explored. Students involved with selected hands-on experiential projects related to sport leadership. *3 sem. hrs.*

388 Individual Internship. Supervised work in situations designed to give students an applied experience after completion of appropriate coursework. *Prerequisite:* Permission of department. *1-3 sem. hrs.*

390 Independent Study. Academic projects individually designed and pursued under supervision of faculty member. Written proposal required for approval. **Note:** No more than 6 semester hours may count from Health and Sport Science 468 and/or 390 toward a major in Health and Sport Science. *Prerequisite:* Permission of department. *1-3 sem. hrs.*

397-398 Selected Topics. Special course offered when sufficient student interest exists in subject matter not covered in other department courses. May be repeated for credit when topics vary. *Prerequisite:* Permission of department. *2-3 sem. hrs.*

437 Health Programs. Planning, implementing, and evaluating health programs for a variety of settings, e.g., schools, community health agencies, health care settings, and worksites. Generally taken last semester of senior year. *Prerequisite:* Health and Sport Science 329. *3 sem. hrs.*

467 Applied Sport Psychology. Review of theoretical models, principles, and practices in Sport Psychology. Emphasizes application of theory to field settings. *Prerequisites:* Health and Sport Science 300 and Psychology 100, Introduction to Psychological Science. *3 sem. hrs.*

468 Independent Research. Individual research conducted by student under faculty supervision. **Note:** No more than 6 semester hours from Health and Sport Science 468 and/or 390 may count toward a major in Sport Science. *Prerequisites:* Health and Sport Science 300 and junior class standing. *1-3 sem. hrs.*

495-496 Senior Forum. Culminating academic experience highlighted by formal presentation to Health and Sport Science Department faculty. Central focus can be primary research, library research paper, or other departmentally approved topic. *Prerequisite:* Senior class standing. *1-1 sem. hr.*

REQUIREMENTS FOR GENERAL EDUCATION: HEALTH AND PHYSICAL ACTIVITY

Required for all bachelor's degrees for students entering after May 1994 (except the University Scholar's Program):

- 1) Passing Health and Sport Science 150
2 hours
- 2) Successful completion of one non-academic Sport Science activity course (SPSC 010 through 099)*

Sport Science (SPSC)

Courses graded *S* or *U* (Satisfactory/Unsatisfactory). (Beginning Summer 1994, activity courses carry no credit.)

010-099 Required Physical Activity. Various individual and team sports or activities except for 074 described below. *0 sem. hr.* (HSS2)

074 Special Physical Activity. Restricted and rehabilitative activities. Medical referral required. *Prerequisite:* Permission of department. *0 sem. hr.* (HSS2)

*Intercollegiate Activity (IA) participation **does not** substitute for the physical activity requirement.

Students entering prior to May 1992 can satisfy this requirement with 1 activity course and either Dimensions of Wellness (HSS 150) or Personal Fitness (SPSC 130).

History (HIST)

John L. Gordon, Jr., *Chair*

Professors Bolt, Evans, Gordon, Rilling, Ryle, Thorn, Ward, Westin

Associate Professors Bak, Bogle, Kenzer, Treadway, H. West

Assistant Professors Sella, Summers

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

The History Major

Thirty-six semester hours in history, including a minimum of 24 hours at the 300 level or higher, distributed as follows:

Ideas and Institutions of Western Civilization	
Either History 201 or 202	3 hours
United States History	
History 205, 206, 220, 302-328	6 hours
European History	
History 201 or 202, 241, 242, 250, 260, 329-369	6 hours
From the following:	6 hours
East Asian History	
History 270, 371-375	
Latin American History	
History 376-380	
Middle Eastern History	
History 280, 381-383	
African History	
History 285, 384-387	
Research Seminar for Majors	3 hours
History 400 (except for students in the honors program)	
Elective Courses	12 hours

Note: Certain courses, for example those offered under History 398, Selected Topics, may be difficult to assign to the above fields. The Chair, in consultation with the course instructor, will determine which, if any, of the field requirements such courses fulfill.

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 and United States History examinations receive credit for History 202 (three semester hours) and History 205-206 (six semester hours) respectively. 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 European and United States History (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 410-411 may be applied toward the field requirements in European and United States History respectively.

Internships

The Department of History has a program of prearranged individual internships. Interested students should apply to the department for details.

Historical Studies Courses (200-level)

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 the rise of modern political concepts in the seventeenth century to present. *3 sem. hrs.* (FSHT)

205 The United States to 1877. Analysis of American history through pre-colonial, 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 the post-Reconstruction

nineteenth 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)

241 Survey History of England to 1603. Emphasis on institutional development, legal and constitutional history, and the Tudors. *3 sem. hrs.* (FSHT)

242 Survey History of England from 1603 to the Present. Emphasis on political and social themes including the Civil War, development of cabinet government, and economic and social structure. *3 sem. hrs.* (FSHT)

250 The Crucible of Modernity: Europe, 1660-1900. Europe in eighteenth and nineteenth 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)

270 East Asian Civilization. Survey of traditional East Asian thought, institutions, and culture, with focus on China, and secondarily Japan, from earliest times to nineteenth century. *3 sem. hrs.* (FSHT)

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 first-hand accounts, literature, religious writing, and other texts. *3 sem. hrs.* (FSHT)

285 Modern Africa. Introduction to major issues in modern African history. *3 sem. hrs.* (FSHT)

United States History Courses

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 Republic, 1763-1788. *3 sem. hrs.*

305 History of 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 American History. Focus on social, economic, cultural and political development of United States from 1875 to 1900. *3 sem. hrs.*

307 The United States, 1900-1938. American domestic history during Progressive Era, World War I, 1920s, Great Depression, and New Deal. Political, economic, and social factors affecting American society. *3 sem. hrs.*

308 The United States since 1938. American domestic history since Great Depression, with emphasis on political, economic, and social factors affecting American society. *3 sem. hrs.*

309 The United States in the Twentieth Century through Video and Film. Focus on economic, political, and cultural factors that have shaped America from the 1890s to the 1980s through the media of film and video. Readings used to provide structure for topics dealt with through the media sources. *3 sem. hrs.*

311 History of Virginia since 1800. Virginia history from 1800 to present. *3 sem. hrs.*

313 Frontier and West in American History. The westward movement and the West, 1790 to present, with emphasis on frontier life, Native Americans, and environmental impact. *3 sem. hrs.*

317 The Old South. Political, economic, social, and cultural developments in South, with emphasis on period from 1790 to 1860. *3 sem. hrs.*

320 American Social History. Topical approach emphasizing structure of American society and interplay of its population groups with institutions. Immigration, minorities, labor, women, marriage and family history, and everyday life. *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.*

325 American Diplomatic History to 1900. Transformation of former colony into world power; emphasis on popular reactions, economic growth, and external causes. Particular attention to controversy over American expansionism. *3 sem. hrs.*

326 American Diplomatic History, 1900-1945. American foreign relations, 1900-1945, with attention focused on expanded interests and responsibility in Latin America and Asia, two world wars, and appeals of isolationism and internationalism. *3 sem. hrs.*

327 American Diplomatic History since 1945. Emphasis on Cold War, containment policy, detente, and Third-World challenges to America in Middle East, Asia, Africa, and the Caribbean. *3 sem. hrs.*

328 Americans from Africa. Role played by Blacks in development of America from colonial times to present. Though slavery is a major topic, emphasis is placed on post-Civil War period. *3 sem. hrs.*

European History Courses

329 History of Greece. Greek history from the end of the Bronze Age through the 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 is 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 the hostile atmosphere of the first five centuries of our era. *3 sem. hrs.*

332 Medieval Church. Cultural, social, and political aspect of religious life in the Middle Ages. *3 sem. hrs.*

333 European Economic History to 1450. Development of Western European economy from height of Roman Empire through Late Middle Ages. *3 sem. hrs.*

334 High and Late Middle Ages. Social and intellectual history of Western Europe from 1100 to 1450. Emphasis on medieval roots of our modern culture. *3 sem. hrs.*

335 Renaissance. Culture, politics, economics, modern science, and overseas expansion of the Renaissance. *3 sem. hrs.*

336 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 History of Russia to 1855. Survey of Russian history from establishment of Kievan state to middle of nineteenth century. *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 twentieth century. *3 sem. hrs.*

357 Habsburg Empire and After. Survey of rise and fall of Habsburg Empire beginning with development of the 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 History of Russia since 1855. Survey of Russian history from reforms of Alexander II to present. *3 sem. hrs.*

362 Topics in Nineteenth-Century European History. Historical problems from period 1815-1914, selected on basis of student interest. *3 sem. hrs.*

363 History of Communist and Socialist Thought. Utopian Socialism, Marxism, Anarchism, and Communism. Nineteenth-century theories and movements. *3 sem. hrs.*

364 History of 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 History of 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-nineteenth century to World War II. *Prerequisite:* History 202, 250, or 260, or permission of instructor. *3 sem. hrs.*

368 Where Angels Fear to Tread: The Politics of Incompetence in the Twentieth Century. Examines twentieth century history through study of persons often deemed to have been incompetent, whose failures carried significant impact. Central focus is placed upon defining incompetence. *3 sem. hrs.*

369 The Machine in Modern Society. Interaction between society and technology in Europe and America since Industrial Revolution. Emphasis on social impact of selected major developments including steam engine, transportation and communication revolutions, household technology, the automobile, nuclear power, and the computer. *3 sem. hrs.*

East Asian History Courses

371 Modern Asia. Political, social, and economic development during nineteenth and twentieth centuries. *3 sem. hrs.*

372 Introduction to Chinese Civilization. Survey of Chinese history to mid-nineteenth century; intellectual, institutional, and cultural development. *3 sem. hrs.*

373 Modern China. Western impact on China, decay of the Qing, and revolutions of twentieth century. *3 sem. hrs.*

374 Japan in Premodern Times. Development of Japan to nineteenth century. *3 sem. hrs.*

375 Modern Japan. Japan's response to Western pressures and rise to world power in nineteenth and twentieth centuries. *3 sem. hrs.*

Latin American History Courses

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, Spain's decline and break-up 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 Modern Brazil. Emphasis on twentieth century conflict over equality, political control, environmental issues and social change. *3 sem. hrs.*

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

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 the study of lives of im-

portant 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

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 Special History Courses

390 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.*

391 Historical Editing. Introduction to the editing of historical journals and service on the editorial board of an historical journal. *Prerequisites:* Student must be a member of the Beta Mu chapter of Phi Alpha Theta and be serving on the board of editors of the *Douglas Southall Freeman Historical Review*. *1 sem. hr.*

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 World Politics since 1945. Overview of world politics and international crises and developments since end of Second World War. *3 sem. hrs.*

398 Selected Topics. Examples include American Biography, Contemporary America, European Biography, Eastern Europe since 1815, Rise of Big Business in

America, United States and Central America, Vietnam War, and others arranged by department. *3 sem. hrs.*

History Seminars

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/or 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. Respectively, European history; United States history. *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 (IDST)

Steven L. Barza, Coordinator

The Interdisciplinary Studies Major

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 for the junior and senior years, and consists of a theme and supporting courses. The program must be approved by two faculty advisors, the Interdisciplinary Studies coordinator, and the dean of the School of Arts and Sciences.

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 51-53.)

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 only. The following course is typical of the offerings.

300 Research in an Electronic Information Environment. How to identify, locate, evaluate, and use information resources. Covers library and Internet research from defining a topic to presenting the results of research using electronic software packages. Recommended for students enrolled in seminar courses requiring substantial research projects. *2 sem. hrs.*

International Studies (IS)

Uliana F. Gabara, Coordinator

The International Studies major is administered by the Director of International Education. The 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

Required:

Enhanced Language Proficiency

Six semester hours of 300- or 400-level coursework in the Department of Modern Foreign 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

It is strongly recommended that the experience abroad be:

- ~ related to the student's concentration
- ~ at least a semester in length
- ~ provide for a significant degree of cultural immersion.

International Studies Coursework

Required:

International Studies 201 and 491

An International Studies Concentration

Within the concentration:

30 hours selected from three or more departments

WITH

no more than 15 hours from a single department

AND AT LEAST

15 hours above the 200 level

WHILE MEETING

concentration specific requirements

NOTE: A grade of not less than *C* (2.0) is required in all coursework comprising the major.

Courses in International Studies

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. *3 sem. hrs.*

230 Introduction to Africa. Survey of African history, geography, institutions and current issues. *3 sem. hrs.*

249-250 Selected Topics. Topics and issues in International Studies. Example: Introduction to the International Economy. May be repeated when topics vary. *1-3/1-3 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. *3 sem. hrs.*

321 Exploring Latin America: 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.*

349-350 Selected Topics. Selected topics in related subjects as arranged by the Director of International Education. May be repeated when topics vary. *Prerequisite:* Permission of department. *1-6/1-6 sem. hrs.*

388 Internship. May be taken for a grade or on a pass/fail basis. Up to three credits may be applied towards the major, only when a grade is awarded. *Prerequisites:* International Studies 201 and permission of Director of International Education. *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.*

Geography (GEOG)

Courses offered through International Studies

206 World Regional Geography—Developed Regions. World's economically developed areas (Europe, North America, Australia, CIS [former Soviet Union], Japan). Not open to seniors except by permission of instructor. *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). Not open to seniors except by permission of instructor. *3 sem. hrs.*

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

Louis E. Tremaine (English), *Advisor*

Required:

International Studies (IS)

230 Introduction to Africa

Anthropology (ANTH)

338 Peoples of Africa

Select one course from:

History (HIST)

384 Africa, c. 1500 to c. 1900

385 Africa in the Twentieth Century

Select remaining nine courses from the following (may include up to two courses dealing with the African diaspora, marked with an *).

American Studies (AMST)

301 The Harlem Renaissance*

Anthropology (ANTH)

205 Introduction to Cultural Anthropology

300 Gender in Cross-Cultural Perspectives

Economics (ECON)

379 Economic Development in Asia, Africa, and Latin America

English (ENGL)

218 African Literature

231 African-American Literature*

239 Special Topics in Literary Perspective: Caribbean Literature*

379 Modern African Literature

French (FREN)

324 Introduction to Francophone Literature

471-472 Francophone Studies: From Orature to Postcoloniality

History (HIST)

285 Modern Africa

328 Americans from 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

International Studies (IS)

249 ST: Introduction to the International Economy

301 Dependency and Development: An Introduction to the Third World

350 Zimbabwe: Nation and Culture (summer, 6 hrs.)

Music (MUS)

112 The Blues*

117 The Music of African Americans*

Political Science (PLSC)

347 Politics of Developing Nations

348 Politics of Africa

Religion (RELG)

257 The Black Church in America*

Sociology (SOC)

323 The Black Community in Urban America*

INTERNATIONAL STUDIES:

INTERNATIONAL ECONOMICS

Jonathan B. Wight (Economics), Advisor

Required:

Economics (ECON)

375 International Trade and Finance

379 Economic Development in Asia, Africa, and Latin America

380 Comparative Economic Systems

Select seven elective courses from two or more departments in the following list:

Accounting (ACCT)

320 ST: International Accounting

Anthropology (ANTH)

205 Introduction to Cultural Anthropology

308 Peoples of Latin America

336 Political Anthropology

337 Peoples of Indonesia

338 Peoples of Africa

339 Peoples of the Pacific

Finance (FIN)

362 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 History of Russia since 1855

363 History of Communist and Socialist Thought

365 History of 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 Modern Brazil
- 380 Modern Latin American Social History
- 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 World Politics since 1945
- 398 Selected Topics: The U.S. and Central America; Twentieth Century Africa; Eastern Europe since 1815

International Studies (IS)

- 301 Dependency and Development: An Introduction to the Third World
- 310 Introduction to Africa

Management Systems (MSYS)

- 333 International Management

Marketing (MKT)

- 325 Global Marketing

Political Science (PLSC)

- 240 Introduction to Comparative Government
- 250 Introduction to International Relations
- 312 Modern Political History
- 341 Great Britain, France, and Germany
- 342 Russia and the Newly Independent States
- 343 Comparative Party Systems
- 344 Europe Today: Politics, Economics, Institutional Development
- 345 Islam In Politics
- 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 Organizations
- 354 World Conflict and Public Order
- 355 Foreign Aid and Development Policy
- 356 International Political Economy
- 358 War and Peace in the Middle East

Philosophy (PHIL)

- 337 Twentieth-Century European Social Philosophy

Religion (RELG)

- 250 Introduction to World Religions

Sociology (SOC)

- 315 Population

INTERNATIONAL STUDIES:

GERMAN STUDIES

Thomas P. Bonfiglio (Modern Foreign Languages and Literatures, German), Advisor

Required:

German (GERM)

- 322 Introduction to German Literature II
- 413 Contemporary German Civilization Seminar

History (HIST)

- 201-202 Ideas and Institutions of Western Civilization I and II

Select 1 course from:

History (HIST)

- 354 Modern Germany

Political Science (PLSC)

- 341 Comparative Government: Great Britain, France, and Germany

Select 2 courses from:

German (GERM)

- 441 Enlightenment, Storm and Stress, Classicism
- 442 German Romanticism
- 452 Fin-de-Siècle
- 465 Responses to the Third Reich in Literature and Film
- 471 Gender and Performance in Twentieth-Century Literature and Film
- 472 Multiculturalism, Identity, and Authorship in the German Context

Select a total of three courses from A and B below, with no more than two courses in either:

A: *Social Sciences/History*

Economics (ECON)

- 380 Comparative Economic Systems

Geography (GEOG)

- 206 World Geography - Developed Regions

History (HIST)

- 354 Modern Germany
- 357 Habsburg Empire and After
- 367 European Diplomacy from Bismarck to Hitler
- 394 World War II

International Studies (IS)

- 249 ST: Introduction to the International Economy

Political Science (PLSC)

- 312 Modern Political Theory
- 341 Great Britain, France, and Germany
- 344 Europe Today: Politics, Economics, Institutional Development

B: Intellectual and Cultural History**History (HIST)**

- 250 The Crucible of Modernity: Europe 1660-1900
- 352 Modern European Thought since 1850
- 363 History of Communist and Socialist Thought

Philosophy (PHIL)

- 336 Nineteenth-Century European Philosophy
- 337 Twentieth-Century European Social Philosophy
- 339 Existentialism
- 344 Twentieth-Century Continental Philosophy
- 350 Topics Seminar: Courses such as Hegel, Heidegger, Kant, Nietzsche, and Critical Theory

Arts Electives: One of the following:

Art (ART)

- 317 Nineteenth-Century Art

Music (MUS)

- 332 Music of the 17th and 18th Centuries
- 333 Nineteenth-Century Music

INTERNATIONAL STUDIES:***LATIN AMERICA***

Joan L. Bak (History), Advisor

Required:**History (HIST)**

- 377 Introduction to Modern Latin America

Anthropology (ANTH)

- 308 Peoples of Latin America
- OR

Spanish (SPAN)

- 312 Perspectives on Cultures and Nations of Latin America

International Studies (IS)

- 321 Exploring Latin American Experience: An Interdisciplinary Seminar

At least four courses from:

Anthropology (ANTH)

- 308 Peoples of Latin America

Biology (BIOL)

- 383 Tropical Biology and Conservation/International Studies 350

History (HIST)

- 376 Imperial Spain and the Americas
- 378 Women and Gender in Latin American History
- 379 Modern Brazil
- 380 Modern Latin American Social History

Political Science (PLSC)

- 349 Politics of Latin America and the Caribbean

Spanish (SPAN)

- 312 Perspectives on Cultures and Nations of Latin America
- 331-332 Introduction to Spanish-American Literature
- 452 Spanish American Poetic Texts
- 471 Spanish American Cinema
- 472 Contemporary Spanish American Theater
- 475 Women and Writing in Latin America
- 477 Literature of the Spanish-Speaking Caribbean
- 485 Spanish American Narrative
- 487 Latin America: Encounter and Conflict
- 498 Hispanic Literature of the United States

Select remaining three courses of program from above and from:

Economics (ECON)

- 349 ST: Introduction to the International Economy
- 379 Economic Development in Asia, Africa, and Latin America

Geography (GEOG)

- 207 World Geography - Developing Regions

International Studies (IS)

- 249 ST: Introduction to the International Economy
- 301 Dependency and Development: An Introduction to the Third World

Music (MUS)

112 Topics in Music Literature: Salsa Meets Jazz

Political Science (PLSC)

346 Politics of Cultural Pluralism
 347 Politics of Developing Nations
 355 Foreign Aid and Development Policy

INTERNATIONAL STUDIES:**MODERN EUROPE**

Arthur B. Gunlicks (Political Science), and Hugh A. West (History), Advisors

Required:

History 102, Political Science 344, and at least eight courses, or their equivalent, from the following list, with a minimum of two courses from each area (A, B, C), chosen in consultation with the advisors.

Area A: Social Sciences/History**Economics (ECON)**

380 Comparative Economic Systems
 382 History of Economic Thought

Geography (GEOG)

206 World Geography - Developed Regions

History (HIST)

250 The Crucible of Modernity: Europe, 1660-1900
 260 Twentieth Century Europe
 335 Renaissance
 336 Reformation
 337 Tudor England
 338 Stuart England
 340 History of Russia to 1855
 354 Modern Germany
 355 Georgian Britain, 1714-1837
 356 Modern Britain
 357 Habsburg Empire and After
 358 Modern Balkans
 360 History of Russia since 1855
 361 Survey History of England from 1603 to Present
 362 Topics in Nineteenth-Century European History
 364 History of the Early Soviet Union
 365 History of the Late Soviet Union
 367 European Diplomacy from Bismarck to Hitler
 369 The Machine in Modern Society

International Studies (IS)

249 ST: Introduction to the International Economy

Political Science (PLSC)

250 Introduction to International Relations
 341 Great Britain, France, and Germany
 342 Russia and the Newly Independent States
 343 Comparative Party Systems

Spanish (SPAN)

482 The History of Spain

Area B: Intellectual and Cultural History**Art (ART)**

222 History and Appreciation of Art
 314 Northern Renaissance Art
 315 Art of the Renaissance
 316 Mannerism and the Baroque
 317 Nineteenth-Century Art
 318 Twentieth-Century Art

French (FREN)

311-312 Contemporary French Life and Issues
 487-488 Contemporary Ideas

History (HIST)

351 Modern European Thought, 1650-1850
 352 Modern European Thought since 1850
 363 History of Communist and Socialist Thought

German (GERM)

413 Contemporary German Civilization Seminar

Music (MUS)

228 General History of Music
 332 Music of the 17th and 18th Centuries
 333 Nineteenth-Century Music
 334 Twentieth-Century Music

Philosophy (PHIL)

336 Nineteenth-Century European Philosophy
 337 Twentieth-Century European Social Philosophy
 339 Existentialism

Political Science (PLSC)

312 Modern Political Theory

Russian (RUSN)

431 Russian Mass Media
 481 Russian Civilization and Culture

Spanish (SPAN)

311 Hispanic Civilization

Area C: Literature

English (ENGL)

- 313 English Literature of the Restoration and 18th Century
- 314 English Literature of the Romantic Movement
- 315 English Literature of the Victorian Period
- 316 Twentieth-Century British Literature

French (FREN)

- 321, 322, 323 Introduction to French Literature
- 421-22 Renaissance
- 431-32 Le Siècle Classique
- 441-442 Enlightenment
- 451-452 From Romanticism to Decadence
- 461-462 Experiments in Contemporary Literary Productions

German (GERM)

- 322 Introduction to German Literature
- 441 Enlightenment
- 442 German Romanticism
- 452 Fin-de-Siècle
- 465 Responses to the Third Reich in Literature and Film
- 471 Gender and Performance in Twentieth-Century Literature and Film
- 472 Multiculturalism, Identity, and Authorship in the German Context

Modern Languages (MDLG)

- 313-314 French Literature in Translation
- 317-318 Comparative Literature in Translation
- 321-322 Russian Literature in Translation

Russian (RUSN)

- 421-422 Russian Literature in the Original

Spanish (SPAN)

- 322 Introduction to Spanish Peninsular Literature
- 451 Spanish Literature of the Eighteenth and Nineteenth Centuries
- 461, 462 Spanish Literature of the Twentieth Century

INTERNATIONAL STUDIES:

POLITICS AND DIPLOMACY

Ernest C. Bolt, Jr. (History) and John W. Outland (Political Science), Advisors

Required:

One course from History: 325, 326, 327, or 367, and two courses from Political Science: 240 or 250 and 350, 352 or 356. Select remaining courses of program from above and below:

Anthropology (ANTH)

- 205 Introduction to Cultural Anthropology
- 336 Political Anthropology

Economics (ECON)

- 375 International Trade and Finance
- 379 Economic Development in Asia, Africa, and Latin America
- 380 Comparative Economic Systems

English (ENGL)

- 379 Modern African Literature

Geography (GEOG)

- 206 World Geography—Developed Regions
- 207 World Geography—Developing Regions

History (HIST)

- 260 Twentieth Century Europe
- 325 American Diplomatic History to 1900
- 326 American Diplomatic History, 1900-1945
- 327 American Diplomatic History since 1945
- 354 Modern Germany
- 358 Modern Balkans
- 360 History of Russia since 1855
- 363 History of Communist and Socialist Thought
- 364 History of the Early Soviet Union
- 365 History of 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 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 World Politics since 1945
- 398 Selected Topics: Eastern Europe since 1815,
Modern Central America

International Studies (IS)

- 230 Introduction to Africa
- 249 ST: Introduction to the International Economy
- 301 Dependency and Development: An Introduction to the Third World
- 321 Exploring Latin America

Political Science (PLSC)

- 240 Introduction to Comparative Government
- 250 Introduction to International Relations
- 341 Great Britain, France, and Germany
- 342 Russia and the Newly Independent States
- 343 Comparative Party Systems
- 344 Europe Today: Politics, Economics, Institutional Development
- 345 Islam in Politics
- 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
- 354 World Conflict and Public Order
- 355 Foreign Aid and Development Policy
- 356 International Political Economy
- 358 War and Peace in the Middle East
- 379 ST: Politics and Government of China

Religion (RELG)

- 250 Introduction to World Religions

Russian (RUSN)

- 481 Russian Civilization and Culture

Sociology (SOC)

- 315 Population
- 379 ST: Environmental Sociology

INTERNATIONAL STUDIES:

RUSSIAN AND EAST EUROPEAN STUDIES

Joseph C. Troncale and Yvonne Howell (Modern Foreign Languages and Literatures, Russian), Advisors

Required:

History (HIST)

- 360 History of Russia since 1855
- 364 History of the Early Soviet Union
- 365 History of the Late Soviet Union

Russian (RUSN)

- 321 Introduction to Russian Literature I
- 322 Introduction to Russian Literature II
- 481 Russian Civilization and Culture

Select remaining four courses from:

Anthropology (ANTH)

- 300 Gender in Cross-Cultural Perspectives

Economics (ECON)

- 380 Comparative Economic Systems

Geography (GEOG)

- 206 World Geography—Developed Regions
- 207 World Geography—Developing Regions

History (HIST)

- 327 American Diplomatic History since 1945
- 340 History of Russia to 1855
- 351 Modern European Thought, 1650-1850
- 352 Modern European Thought since 1850
- 358 Modern Balkans
- 363 History of Communist and Socialist Thought
- 365 History of the Late Soviet Union
- 398 ST: Eastern Europe since 1815

International Studies (IS)

- 249 ST: Introduction to the International Economy
- 301 Dependency and Development: An Introduction to the Third World

Music (MUS)

- 228 General History of Music

Philosophy (PHIL)

- 336 Nineteenth-Century European Philosophy
- 339 Existentialism

Political Science (PLSC)

- 250 Introduction to International Relations
- 342 Comparative Government: The CIS (former USSR) and Eastern Europe

- 347 Politics of Developing Nations
 356 International Political Economy

Russian (RUSN)

- 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 requirements. Such a program will have a theme supported by appropriate courses and shall be approved by the Director of International Education. Students who wish to pursue this option should visit the Office of International Education early in their college career to allow adequate time for planning.

Journalism (JOUR)

Michael Spear, *Coordinator*

Associate Professors Nash, 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 should be completed before the end of the sophomore year.

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:* Journalism 200 or permission of instructor, basic typing skill, basic skills in English. *3 sem. hrs.*

202 Feature and Magazine Article Writing. Research and writing of news-feature and magazine articles. *Prerequisite:* Journalism 201. *3 sem. hrs.*

203-204 Radio and Television News. News reporting and production techniques of radio and television, with emphasis on writing and some training in use of equipment. *Prerequisite:* Journalism 201. *3-3 sem. hrs.*

205 Photojournalism. Theory and practice of news and feature photography, darkroom technique, properties of light and film. *Prerequisites:* Journalism 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. *Prerequisite:* Journalism 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 201 and for broadcast practicum, at least one semester of print practicum. *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. *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. *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. *3 sem. hrs.*

304 Seminar. Study of specialized field of reporting or writing. *Prerequisite:* Journalism 301. *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. *3 sem. hrs.*

306 Graphics and Design. Introduction to graphics and design in newspapers; some attention given to magazines and advertising. Stresses design principles, typography, photo editing. *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)

J. Van Bowen, *Chair*

Professors Bowen, Charlesworth, J. Hubbard, Kent
Associate Professors Barnett, Davis, Greenfield, Hoke,
Kerckhove, MacCluer, Nall, Withers
Assistant Professors Caudill, Fenster, Ross
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).

The Computer Science Major

For the Bachelor of Arts degree:

- I. Computer Science 150 or 155, 221, 222, 301, 315, and either 323 or 330.
- II. Five additional 3-hour 300-level computer science courses, no more than one of which can be a 3-hour Computer Science Independent Study course without Departmental approval.
- III. Mathematics 111 or 211, and 245.

For the Bachelor of Science degree:

- I. Computer Science 150 or 155, 221, 222, 301, 315, and either 323 or 330.
- II. Five additional 3-hour 300-level computer science courses, no more than one of which can be a 3-hour Computer Science Independent Study course without Departmental approval.
- III. Mathematics 111 or 211, 212, and 245.
- IV. Two 3-hour courses at the 300-level or above in Mathematics or two 3-hour (or more) at the 200-level or above in one of the following fields: Physics, Chemistry, or Biology.

The Computer Science Minor

- I. Computer Science 150 or 155, 221, 222, and 301.
- II. Two additional Computer Science courses for which Computer Science 222 is a prerequisite.

100 Liberal Arts Computing. Introduction to computers and their uses for accessing and presenting information. Effective use of computer resources emphasized. Sample topics include word processing and spread sheet use, electronic mail, access to network resources, computer terminology, and basic computer organization. *3 sem. hrs.*

101 Minds and Machines. (See Mathematics 101.) *3 sem. hrs.* (FSSR)

105 Problem Solving Via Computer Programming. Solving problems by writing computer programs. Introduction to computer architecture. Emphasis on symbolic reasoning rather than on use of current software tools. For non-majors. Not open to students who have completed a higher numbered Computer Science course. *3 sem. hrs.* (FSSR)

150 Introduction to Computing. Techniques for using computers to solve problems, including top-down design and structured programming. Topics include arrays and subprograms. *Prerequisite:* None; however, strong mathematics aptitude usually predicts success in computer science. *3 sem. hrs.* (FSSR)

155 Introduction to Scientific Computing. Same course as Computer Science 150 but with greater emphasis on programming applications in the sciences. *3 sem. hrs.* (FSSR)

Restriction: Credit is not allowed for both 150 and 155.

Note: Knowledge of the topics of Computer Science 150 or 155 is prerequisite to all higher numbered Computer Science courses. Students who have obtained this knowledge through a high school or some other course are permitted and encouraged to begin with Computer Science 221.

195 Special Topics. Special topics satisfying neither major nor minor requirements. 1-3 sem. hrs.

221-222 Fundamentals of Computing I-II. Introduction to applied and theoretical aspects of computing, including recursion, mathematical induction, dynamic data structures, abstract data types, algorithms, computational complexity, and formal reasoning about programs. *Prerequisite:* Computer Science 221 is prerequisite to 222. 3-3 sem. hrs. (221 only, FSSR)

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. *Prerequisite:* Computer Science 221. 3 sem. hrs.

302 Computer Systems and Architecture II. Principles of computer architecture, instruction set design, RISC machines, pipelining, high performance architectures with case studies. *Prerequisite:* Computer Science 301. 3 sem. hrs.

315 Algorithms. Advanced data structures, including graphs, trees, and hashing. Emphasis is given to data abstraction and analysis of algorithms. *Prerequisite:* Computer Science 222. 3 sem. hrs.

321 Operating Systems. Memory management, process management, and structure of operating systems. *Prerequisites:* Computer Science 222, 301. 3 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. *Prerequisites:* Computer Science 315, 321. 3 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. *Prerequisites:* Computer Science 301, 315. 3 sem. hrs.

325 Database Systems. Database models, including Entity-Relationship Model, Network Model, Hierarchi-

cal Model, Relational Model, and Object-Oriented Model. File structures, including B-tree indexes. Normalization of relational databases. Software development, including embedded SQL. *Prerequisite:* Computer Science 315. 3 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.

331 Theory of Compilers. Regular and context-free languages, lexical analysis, parsing, code optimization and code generation. *Prerequisite:* Computer Science 323 or 330. 3 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. *Prerequisites:* Mathematics 245 and Computer Science 222. 3 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. 1-3 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).

The Mathematics Major

For either the Bachelor of Arts or Bachelor of Science degree:

I. Mathematics 111 or 211, 212, 235, 245, 250, 306, and 320.

Note: Mathematics 306 or 320 must be completed 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 mathematics courses numbered 240 or higher.

And for the Bachelor of Arts degree:

Computer Science 150 or 155.

And for the Bachelor of Science degree:

Computer Science 150 or 155, and four courses in one natural science with at least two of these courses at the advanced level.

The Mathematics Minor

- I. Mathematics 111 or 211, 212, 235, and 240 or 245.
- II. Two courses at the 300-level.

101 Minds and Machines. Formal deduction in propositional logic. The fundamentals of computer architecture. An elementary exploration of the 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)

110-111 Calculus with Algebra and Trigonometry I and II. Integrated treatment of following topics: review of high school algebra, analytic geometry, and trigonometry; introduction to derivative and integral; derivatives of trigonometric, exponential, logarithmic and inverse trigonometric functions; applications to curve sketching; applications to physical, life, and social sciences; Mean Value Theorem and its applications; Fundamental Theorem of Calculus. *Prerequisite:* Mathematics 110 is prerequisite to 111. *3-3 sem. hrs.* (111 only, FSSR)

Restriction: Credit is not allowed for both 110-111 and 211.

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. Attendance at one-hour computational laboratory expected. *Prerequisite:* 3 hours of credit in Sociology or Political Science or permission of instructor. *3 sem. hrs.*

Restriction: Credit is not allowed for both 119 and 129.

129 Applications of Statistics. Introduction to statistical methods with applications selected from many areas. Major topics: sampling, hypothesis testing, regression, and analysis of variance. *3 sem. hrs.*

133-134 Reasoning with Probability and Statistics. Non-calculus-based study of evolution of human understanding of uncertainty. Topics include early understanding of data, classical developments in probability, some decision methods used today, and role of variability in the international quality movement. Reading and group effort provide framework for learning. *Prerequisite:* Mathematics 133 is prerequisite to 134. *2-2 sem. hrs.* (134 only, FSSR)

195 Special Topics. Special topics satisfying neither major nor minor requirements. *1-3 sem. hrs.*

200 Discrete Mathematics. Logic, sets, relations, and functions. Combinatorics, probability. Mathematical induction, recurrence relations. Graphs, directed graphs, trees. Formal languages. Computer science applications. *3 sem. hrs.* (FSSR)

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. *3 sem. hrs.* (FSSR)

Restriction: Credit is not allowed for both 110-111 and 211.

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 111 or 211. *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.*

240 Differential Equations. Methods of solution, existence and uniqueness theorems, modeling and applications. *Prerequisite:* Mathematics 212. *3 sem. hrs.*

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. *3 sem. hrs.*

306-307 Abstract Algebra I and II. Systematic study of theory of groups, rings, and fields. *Prerequisite:* Mathematics 245 and 250 (Mathematics 250 may be taken concurrently). Mathematics 306 is prerequisite to 307. *3-3 sem. hrs.*

310 Advanced Calculus. Topics from multivariable calculus, theorems of Green, Gauss, and Stokes, uni-

form convergence, partial differential equations. Fourier series or calculus of variations. *Prerequisite:* Mathematics 235. *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. Linear models of optimization. Simple Markov models. Game theory and analysis. Graphical models using weighted and directed graphs. Combinatorial and algebraic models. *Prerequisite:* Mathematics 245. *3 sem. hrs.*

324 Continuous Mathematical Models. Traditional continuous models in physical and biological sciences. Mathematical topics include ordinary differential, partial differential, and difference equations. *Prerequisites:* Mathematics 235, 240, 245. *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 or 155. *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. Topics include linear models of optimization, scheduling and routing models, and elementary queuing theory. *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.*

395 Special Topics. Selected topics in mathematics. *Prerequisite:* Varies with topic. *1-3 sem. hrs.*

420 Senior Research. *1-3 sem. hrs.*

Military Science (MLSC)

Jeffrey L. Heslop, Lieutenant Colonel, U. S. Army, *Chair*

Professor Heslop

Assistant Professors Fail, Fortenberry, Pater

The objective of the Military Science 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 curriculum includes classroom instruction and off-campus activities geared to the development of leadership skills.

The program is divided in two general parts: the Basic Course and the Advanced Course.

The Basic Course is offered to first-year and sophomore students. Enrollment carries no Army commitment and there is no obligation to enroll for successive course offerings. United States Army ROTC scholarship students must participate in field exercises and leadership laboratory. Non-scholarship students must attend selected out-of-classroom activities.

The Advanced Course is restricted to juniors and seniors, and students qualifying for advanced placement. There are physical and academic requirements for entrance established by the Department of Military Science. Participation provides a \$150 monthly stipend, and requires a contractual obligation to the United States Army. Advanced Course students must participate in all field training exercises and leadership laboratories. Advanced course students may participate in the University's study abroad program.

Students who satisfactorily complete degree requirements, professional military education requirements, and the Military Science Program may be commissioned as second lieutenants in the United States Army Reserve. Qualified senior-class students may be selected for commissions in the Regular Army. United States Army ROTC scholarships are available on a competitive basis for students in the Military Science Program.

Note: Up to six semester hours may be applied toward graduation for ROTC Basic Camp attendance and/or prior military service.

101 Basic Military Science. Organization, structure, role, and customs and traditions of United States Army. Leadership development. Introduction to basic map reading. *Prerequisite:* First-year or sophomore class standing, or permission of departmental chair. *2 sem. hrs.*

201 Basic Military Science: Military Leadership. Factors of military leadership. Uses case studies to examine common character traits of leaders in relation to different leadership styles. Introduces professional military ethics and helps student to identify personal leadership traits through practical exercises. *Prerequisite:* Military Science 101 or permission of departmental chair. *2 sem. hrs.*

202 Basic Military Science: 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 military profession fits in society. *Prerequisite:* Military Science 101 or permission of departmental chair. *3 sem. hrs.*

203 Basic Military Science: Leadership and Ethics. Examines professional ethics and their relationship to military leadership and operations, including decision making and reasoning, ethical boundaries, the Just War tradition, and Utilitarian ethics. *Prerequisite:* Military Science 101 or permission of departmental chair. *2 sem. hrs.*

204 ROTC Basic Camp. Six weeks of training at a military installation. Travel pay and salary provided through Department of Military Science. No military service obligation. Basic Camp graduates are eligible to enroll in Advanced Military Science courses. Amount of academic credit awarded for Basic Camp depends upon amount of basic military science credit previously earned. Graded pass/fail. *Prerequisite:* Permission of departmental chair. *0-6 sem. hrs.*

301-302 Advanced Military Science. Management principles and leadership, instructional methods; organization and function of Army branches; theory and dynamics of unit operations; and exercise of command. Physical training mandatory. Two class hours and two laboratory hours a week. *Prerequisite:* Permission of departmental chair. *2-2 sem. hrs.*

303-304 Advanced Military Science. Staff organization and procedures, training management, logistics, administration of military law, and exercise of command and professional ethics. Physical training mandatory. Two class hours and two laboratory hours a week. *Prerequisite:* Permission of departmental chair. *2-2 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:* 2 semesters of Military Science and permission of instructor. *1-2 sem. hrs.*



Modern Foreign Languages and Literatures

Françoise R. Ravoux-Kirkpatrick, *Chair*

Professors A. Dawson, Marcone, Ravoux-Kirkpatrick, Terry

Associate Professors Bonfiglio, Bradley-Cromeey, Hayes, Larkin, Troncale

Assistant Professors Ferman, Howell, Kasongo, Perry, Schwalb

Instructors Cordero, Hermida-Ruiz

Director of the Intensive Language Program in French Baroody

Director of the Japanese Language Program Suzuki

Director of the Intensive Language Program in Spanish L. Dawson

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 Foreign Languages and Literatures Majors

(available in French, German, and Spanish)

French Major

33 hours above the 200-level, including French 305 and at least 12 hours at the 400-level, distributed as follows:

Language	9 hours
Literature:	
at the 300-level	9 hours
at the 400-level	9 hours
Culture	3 hours
Elective	3 hours

German Major

30 hours above the 200-level, including at least 12 hours at the 400-level.

Language	9 hours
Literature:	
at the 300-level	6 hours
at the 400-level	9 hours

Culture	3 hours
Elective	3 hours

Except in specially approved cases, one semester of study in a German-speaking country is required for the major in German.

Spanish Major

33 hours above the 200-level, including Spanish 305 and at least 12 hours at the 400-level.

Language	9 hours
of which at least 3 hours at the 400-level	
Literature and Culture:	
300-level, including Spanish 311 and/or 312	12 hours
AND	
400-level	9 hours
Elective	3 hours

At least 15 of the 30 hours 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 three of these 15 hours must be taken upon return from the program.

See International Studies curriculum for the following majors: German Studies, Latin American Studies, Russian and East European Studies, Modern Europe.

Foreign Studies

A semester in an approved program abroad is required of all German majors.

Study and travel abroad are strongly encouraged for all students. The department offers summer study programs in Klagenfurt, Austria; La Rochelle, France; Salamanca, Spain; San Jose, Costa Rica; St. Petersburg, Russia; and Japan. In addition, there are exchange agreements for study during the academic year in Argentina, France, Germany, Japan, and Spain; others are being negotiated.

The Modern Foreign Languages and Literatures Minors

(available in French, German, Russian and Spanish)

Eighteen semester hours in one modern foreign language above the 200 level including:

Language:	
300 level	6 hours
Literature:	
300 level	6 hours
Electives:	
400 level	3 hours
300 or 400 level	3 hours

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 Foreign 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.

Self-instructional programs: The Department currently offers self-instructed language programs in Portuguese and Swahili, open only to sophomores, juniors and seniors. Admission is by interview with the program coordinators.

French (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 competent speaking ability in French, with stress upon vocabulary expansion, pronunciation, and grammatical and communicative accuracy. *3 sem. hrs.*

305 French Composition. Development of competent writing skills on variety of topics. *3 sem. hrs.*

306 Commercial French. Essential vocabulary and concepts specific to French business, and introduction to basic workings of French business including correspondence. *3 sem. hrs.*

311-312 Contemporary French Life and Issues. Introduction to major current issues and influential figures on the political, social and cultural scene of France with reference to relevant historical background. Topics include contemporary ideologies and mentalities; social tensions; institutions and politics; media and film, popular music, gender, colonialism and its aftermath, youth and education, humor and satire. *3-3 sem. hrs.*

321 Introduction to French Literature: Poetry. Introduction to French poetry and literary analysis. Fundamental questions concerning nature of poetry as artistic phenomenon. *3 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. *3 sem. hrs. (FSLT)*

323 Introduction to French Literature: Prose. Introduction to French literature and literary-critical analysis emphasizing both narrative and non-narrative prose. *3 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. *3 sem. hrs. (FSLT)*

388 Individual Internship. (See Modern Languages 388.) *3 sem. hrs.*

401 French Phonetics. *Prerequisite:* French 301 or permission of department. *3 sem. hrs.*

402 Advanced French Conversation. Development of advanced speaking skills beyond 301 level. *Prerequisite:* French 301 or permission of department. *3 sem. hrs.*

404 Advanced Composition and Syntax. *Prerequisite:* French 305 or permission of department. *3 sem. hrs.*

407-408 Topics in Linguistics. (See Modern Languages 407-408.) *3-3 sem. hrs.*

409 Contemporary Literary Theory. (See Modern Languages 409.) *3 sem. hrs.*

410 The Teaching of a Modern Foreign Language. (See Modern Languages 410.) *3 sem. hrs.*

Prerequisite to 400-level French literature courses are two of the following: French 321, 322, 323, 324, the equivalent, or permission of department.

411-412 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 the 11th to the 15th centuries. *3-3 sem. hrs.*

421-422 Renaissance. Exploration of literature of a France transformed by Reformation and Renaissance: the poetry of love; devotion and play; the prose of wisdom. Recent topics: Montaigne and self-knowledge; Ronsard, Du Bellay and the Invention of Love. *3-3 sem. hrs.*

431-432 Le Siècle Classique. Exploration of both triumphs and powerful tensions within seventeenth-century culture, with attention to such issues as political patronage of the arts, women intellectuals and salon culture, courtly life at Versailles, the social satires of Molière and the place of dissent within the absolutist state. *3-3 sem. hrs.*

441-442 Enlightenment. Literary and philosophical texts of the eighteenth century, emphasizing questions on selfhood, social life, gender relations and power. Topics include the Libertine Tradition; Novel and Society; Enlightenment Women; Transgression. *3-3 sem. hrs.*

451-452 From Romanticism to Decadence. Issues of representation, socio-historical context, gender, and subjectivity in works by poets, novelists, and historians in nineteenth-century France. Consideration of the

century's numerous and varied literary movements. Topics include: Desire and Representation in the 19th-Century French Novel; Symbolist Poetry; La Fin de siècle: Movements, Tensions, Revolutions; The Fantastic; Romanticism. *3-3 sem. hrs.*

461-462 Experiments in Contemporary Literary Productions. Trends in contemporary French literature are examined through close analysis of contemporary texts in poetry, drama and novel with reference to other cultural artifacts such as paintings, films, and within the context of experimentation with forms. Topics include contemporary inquiries on representation and referentiality, creative activity, nature of truth and of reality, human interaction with the world, relationship with the other, gender, search for identity and for self-expression. *3-3 sem. hrs.*

471-472 Francophone Studies: From Orature to Postcoloniality. Literary and cultural studies of modern Francophone texts mainly by African, Caribbean, Canadian, Maghrebian and other Francophone writers. Recent topics include: tradition and modernity, the search for identity, assimilation, negritude, antillanité, américanité, value of verbal artistry, and postcolonial issues. *3-3 sem. hrs.*

487-488 Contemporary Ideas. Readings and discussion of recent works which have provoked political or intellectual debate in France and the French-speaking world. *3-3 sem. hrs.*

495-496 Independent Study. Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-3/1-3 sem. hrs.*

497-498 Selected Topics. Experimental topics based on student and faculty interests. Recent topics: Autobiography; The Emergence of Drama; Learning, Love, and Literature in Medieval France; The Letter in Philosophy and Literature. *3-3 sem. hrs.*

German (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)

301-302 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. *3-3 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. *3 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. *3-3 sem. hrs. (FSLT)*

388 Individual Internship. (See Modern Languages 388.) *3 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. *3 sem. hrs.*

404 Advanced Composition and Syntax. Advanced grammar, syntax, and stylistics. *Prerequisite:* German 301-302 or 305 or permission of department. *3 sem. hrs.*

407-408 Topics in Linguistics. (See Modern Languages 407-408.) *3-3 sem. hrs.*

409 Contemporary Literary Theory. (See Modern Languages 409.) *3 sem. hrs.*

410 The Teaching of a Modern Foreign Language. (See Modern Languages 410.) *3 sem. hrs.*

413 Contemporary German Civilization Seminar. Interdisciplinary focus on contemporary German culture from perspectives of literature, history, sociology, arts, political science, religion, philosophy, and natural sciences. *Prerequisite:* One 300-level course in German or permission of department. *3 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 the eighteenth century, such as Lessing, Kant, Winckelmann, Klopstock, Goethe and Schiller. *3 sem. hrs.*

442 German Romanticism. German Romantic movement as contrasted with Classicism. Includes such authors as Schlegel, Tieck, Novalis, and Eichendorff. *3 sem. hrs.*

452 Fin-de-siècle. A survey of major writers and thinkers who mark the transition from the nineteenth to the twentieth centuries and to modernity, such as

Marx, Freud, Nietzsche, Andreas-Salomé, Wedekind, Schnitzler, Mann, Kafka, and Brecht. *3 sem. hrs.*

465 Responses to the Third Reich in Literature and Film. Critical analyses of texts and films dealing with the 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 cinemas as well as contemporary filmic responses to the Third Reich. *3 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 twentieth-century German literature and film. *3 sem. hrs.*

472 Multiculturalism, Identity, and Authorship in the German Context. Readings by contemporary German-speaking writers who address the increasing diversity and complexity of identities and social relations in the German context. *3 sem. hrs.*

495-496 Independent Study. Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-3/1-3 sem. hrs.*

497-498 Selected Topics. Special interest topics offered at department's discretion. *3-3 sem. hrs.*

Italian (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.*

221 Intensive Intermediate Italian. Reinforcement of communicative language skills. Increased experience in the spoken and written language with emphasis on aspects of Italian culture. *Prerequisite:* Italian 101-102 or permission of department. *6 sem. hrs. (COM2)*

Japanese (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.*

495-496 Independent Study. Special projects individually pursued under supervision of faculty member. *Prerequisite:* Japanese 302 or permission of department. *1-3/1-3 sem. hrs.*

497-498 Selected Topics. Special interest topics offered at department's discretion. *Prerequisite:* Permission of department. *3-3 sem. hrs.*

Modern Languages (MDLG)

Except for Self-Instructional Language Programs, all courses under Modern Languages are taught in English; they have no prerequisite. 400-level courses are available as elective credit towards a French, German, or Spanish major.

197-198 Elementary Self-Instructional Language Program. Available for Portuguese and Swahili. *Prerequisite:* 197 is prerequisite to 198. Admission by interview and permission of department. *3-3 sem. hrs.*

297-298 Intermediate Self-Instructional Language Program. Available for Portuguese and Swahili. *Prerequisites:* 198 in the appropriate language is prerequisite to 297; 297 is prerequisite to 298. Admission by interview and permission of department. *3-3 sem. hrs.*

313-314 French Literature in Translation. Introduction to French literature through analysis of major and representative texts. *3-3 sem. hrs.* (313 only, FSLT)

319-320 Hispanic Literature in Translation. Hispanic masterpieces in translation. Not available as elective credit towards the Spanish major or minor. *3-3 sem. hrs.*

321-322 Russian Literature in Translation. (See Russian 321-322.) *3-3 sem. hrs.* (FSLT)

388 Individual Internship. Students lead drill sections of elementary and intermediate language courses in French, German, and Spanish. Internship credit does not count toward a major or minor in the language. Admission by audition. *3 sem. hrs.*

407-408 Topics in Linguistics. General, historical, and/or descriptive linguistics. *Prerequisite:* Completion of Communication Skills II-Foreign Language requirement. (Same as French, German, and Spanish 407-408.) *3-3 sem. hrs.*

409 Contemporary Literary Theory. Recent developments in critical theory, including post-structuralist, feminist, and psychoanalytic perspectives. *3 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:* 18 semester hours in one modern foreign language or permission of department. (Same as French, German, and Spanish 410.) *3 sem. hrs.*

495-496 Independent Study. Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-3/1-3 sem. hrs.*

497-498 Selected Topics. Experimental and special interest topics offered at department's discretion. Recent topics: Meaning and Modernity; Constructions of Identity. *3-3 sem. hrs.*

Russian (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)

301-302 Russian Conversation and Composition. Development of fluency through conversation on topics designed for learning most common idiomatic expressions. Practice in composition. *Prerequisite:* Russian 202 or permission of department. Russian 301 is prerequisite to 302. *3-3 sem. hrs.*

311 History of Russian Language. Study of structure of Russian directed toward vocabulary building. Topics include etymology, prefixation, suffixation, word formation, and morphology. *Prerequisite:* Russian 202 or permission of department. *3 sem. hrs.*

321 Introduction to Russian Literature I. Introduction to Russian literature and critical literary analysis. From Pushkin and Gogol through Dostoevsky and Tolstoy. Taught in English. No prerequisite. *3 sem. hrs.* (FSLT)

322 Introduction to Russian Literature II. Introduction to Russian literature and critical literary analysis. Modernism, socialist Realism, and Soviet dissident literature in twentieth century. All readings in English. *3 sem. hrs.* (FSLT)

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 department. *3-3 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 301-302. *3-3 sem. hrs.*

431 Russian Mass Media. Builds reading and comprehension skills based on current events reported in Russian newspapers, journals, and on television. *Prerequisite:* Russian 301-302, which may be taken concurrently. *3 sem. hrs.*

481 Russian Civilization and Culture. Interdisciplinary approach to development of Russian civilization from medieval times through glasnost period. Cultural patterns are traced through Russian art, music, religion, science, women's issues, environmental and social challenges, and everyday life. *3 sem. hrs.*

495-496 Independent Study. Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-3/1-3 sem. hrs.*

497-498 Selected Topics. Special interest topics offered at department's discretion. *Prerequisite:* Permission of department. *2-3/2-3 sem. hrs.*

Spanish (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)*

General prerequisites for Spanish 301-332 (Spanish 306 excepted): Spanish 221 or permission of department.

301 Spanish Conversation. Further developing aural and oral communication skills and reviewing aspects of grammar problematic to non-native speaker. *3 sem. hrs.*

305 Spanish Grammar and Composition. Grammar review with objective of developing writing skills. It is recommended that Spanish 301 be taken concurrently. *3 sem. hrs.*

306 Commercial Spanish. 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. *3 sem. hrs.*

311 Perspectives on Peoples and Cultures of Spain. Study of society, arts, history, and ideas of Spain. *3 sem. hrs.*

312 Perspectives on Cultures and Nations of Latin America. Study of society, arts, history, and ideas of Latin America. *3 sem. hrs.*

321-322 Introduction to Spanish Peninsular Literature, I-II. Introduction to Spanish Peninsular literature and critical literary analysis. Focus is on primary texts dating from the eleventh to eighteenth centuries (321); from eighteenth through twentieth centuries (322). *3-3 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 fifteenth through nineteenth centuries (331); twentieth century (332). *3-3 sem. hrs. (FSLT)*

388 Individual Internship. (See Modern Languages 388.) *3 sem. hrs.*

402 Advanced Spanish Conversation. Development of advanced speaking skills to participate effectively in both formal and informal conversations, social and abstract topics. *Prerequisites:* Spanish 301 and 305 or permission of department. *3 sem. hrs.*

404 Advanced Composition and Syntax. Analysis of grammatical structure of Spanish. Writing practice. *Prerequisites:* Spanish 301 and 305 or permission of department. *3 sem. hrs.*

407-408 Topics in Linguistics. (See Modern Languages 407-408.) *3-3 sem. hrs.*

409 Contemporary Literary Theory. (See Modern Languages 409.) *3 sem. hrs.*

410 The Teaching of a Modern Foreign Language. (See Modern Languages 410.) *3 sem. hrs.*

Prerequisites to Spanish courses above 410: Spanish 321 or 322 or 331 or 332 or permission of 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. *3 sem. hrs.*

431 Imperial Spain: Metaphors of Harmony and Chaos. Study of literary responses to new constitution of Spain as Empire and new definitions of Spanish identity. *3 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. *3 sem. hrs.*

451 Literature of Exile. Study of various meanings and experiences of exile in Spain during the eighteenth and nineteenth centuries. *3 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. *3 sem. hrs.*

461 The Spanish Labyrinth. Question of Spain's national identity as addressed by the Generation of 1898. Attention will be given to various ways these writers attempt to bring order to chaos as they try to rediscover the meaning of Spain and significance of being Spanish. *3 sem. hrs.*

462 Visions of Contemporary Spain. Study of the 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. *3 sem. hrs.*

471 Spanish American Cinema. Study of prominent examples of Spanish American film production with special attention paid to aesthetic aspects of cinematographic language and cultural questions embodied in films examined. *3 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. *3 sem. hrs.*

475 Women and Writing in Latin America. Question of representation and self-representation of women in selected Spanish American texts. Attention will be given to recently developed theories relevant to women's writing and concerns. *3 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. *3 sem. hrs.*

481 The Arts in Spain. Emphasis on architecture, sculpture, painting, music; some attention to applied arts. *3 sem. hrs.*

482 The History of Spain. Institutions, ideas, personalities, with emphasis on confluence of Christian, Moslem, and Jewish civilizations, and on life and problems of modern Spain. *3 sem. hrs.*

485 Spanish American Narrative. Study of representative Spanish American novels and/or short stories from nineteenth and twentieth centuries. Attention given to technical aspects of literary narrative as well as cultural contexts within which each work was created. *3 sem. hrs.*

486 Hispanic Literature of the United States. 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 will be on Mexican American literary expression. *3 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. *3 sem. hrs.*

495-496 Independent Study. Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-3/1-3 sem. hrs.*

497-498 Selected Topics. Special interest topics offered at department's discretion. *3-3 sem. hrs.*

Music

Suzanne K. Bunting, *Chair*

Professors Bunting, Rudolf, Spencer

Associate Professors Anderson, Becker, Cohen, Davison,

Assistant Professor Cable

Instructor Riehl

Quartet-in-Residence Shanghai Quartet

Faculty members for applied music are employed as needed from the Richmond Symphony Orchestra and elsewhere.

Degree Programs in Music

The Department of Music offers two degree programs, the Bachelor of Arts and the Bachelor of Music. The Bachelor of Arts degree program offers the breadth of liberal arts and sciences, through electives and the general education requirements, together with a major in music. The Bachelor of Music degree program is a specialized curriculum which provides for extensive study in music. Each degree offers areas of emphasis within music.

Information for Prospective Majors

All prospective music majors must take a theory placement test given at the beginning of the fall semester. A Full Faculty Jury and a theory exam are required at the end of 4 semesters of applied study. Approval to continue as a music major is based on these exams.

Requirements in Music Degree Programs

General Requirements

The following requirements must be satisfactorily completed for either the Bachelor of Arts degree with a major in music, or the Bachelor of Music degree.

Keyboard Skills:

Music Theory 155-156, 157-158,
1-1, 1-1 hours

OR

Competence demonstrated by
examination

Major Instrument:

At the end of 4 semesters of applied
study, pass a full faculty jury.

Senior Seminar:

Music 401, 2 hours

Performance Attendance:

Music History 095, Concert Experience
satisfactorily completed each
semester the student is a major, 0

Academic Achievement:

The grade point average of the music
coursework must be no less than 2.00
with no course grade below *C* (1.7).

Bachelor of Arts, Music Major

In addition to the General Requirements
stated above, 35 semester hours in the De-
partment of Music:

Required:

Music Theory

109 Elementary Musicianship 4 hours

110 Tonal Harmony I:
Common Practice Period 3 hours

211 Tonal Harmony II:
Chromaticism 3 hours

212 Analytic Approaches to
Twentieth-Century Music 3 hours

213 Computer Music 3 hours

Music History

227-228 General History
of Music 3-3 hours

3 semester hours in music history or
theory more advanced than above

4 semester hours in performing
ensembles

4 semesters of applied courses
in one area

An area of emphasis:

General emphasis:

8 additional semester hours in
advanced music history and theory
courses divided between the two areas
OR

Performance emphasis:

4 additional semesters of study in the
applied area
A senior recital

Bachelor of Music, Degree Requirements

MUSIC CORE REQUIREMENT

Including any work for credit for the Gen-
eral Requirements stated above, 80 semes-
ter hours in the Department of Music:

Music Theory

109 Elementary Musicianship 4 hours

110 Tonal Harmony I: Common
Practice Period 3 hours

211 Tonal Harmony II:
Chromaticism 3 hours

212 Analytic Approaches to
Twentieth-Century Music 3 hours

213 Computer Music 3 hours

Music History

227-228 General History of
Music 3-3 hours

Music Ensembles

355-356 Accompanying and
Ensemble 2-2 hours

12 semester hours in the
applied major

6 semester hours in
performing ensembles

LIBERAL ARTS REQUIREMENT

Core Course

Core 101-102, Exploring Human Experience 3-3 hours

Communication Skills I, Expository Writing English 103, Introduction to Expository Writing 3 hours

OR

Exemption by AP or achievement scores

Communication Skills II, Foreign Language Passing the 202 level (or its equivalent) of French, German, Italian, Spanish, Japanese or Russian

Academic elective courses outside of music sufficient to bring the total to at least 30 semester hours

Physical education as specified by Health and Physical Activity requirements for the General Education Curriculum

BACHELOR OF MUSIC, PERFORMANCE EMPHASIS

Required:

Completion of the Music Core Requirement

Completion of the Liberal Arts Requirement

Music Education 346 Pedagogy and Literature 3 hours
12 additional semester hours in applied music

6 semester hours in music history or theory more advanced than above

A senior recital

BACHELOR OF MUSIC, MUSIC THEORY WITH HISTORY EMPHASIS

Required:

Completion of the Music Core Requirement

Completion of the Liberal Arts Requirement

Music Independent Study 395 as Theory Thesis 6 hours

9 semester hours in music theory above 213

6 semester hours in music history above 228

11 semester hours in music electives

BACHELOR OF MUSIC, MUSIC EDUCATION EMPHASIS

Required:

Completion of the Music Core Requirement

Music Education 209-210 Conducting 2-2 hours

305 Introduction to Music Education 3 hours

316 Teaching of Music in the Elementary School 3 hours

318 Teaching of Music in the Secondary School 3 hours

Education

340 Educational Psychology 4 hours

478 Student Teaching (NK-12) 8 hours

3 semester hours of music history above 228

2 semester hours of voice class or study

1 semester hour of guitar class or study

4 semester hours of instrumental class instruction or equivalent

English

103 Introduction to Expository Writing 3 hours

OR

Exemption by AP or achievement scores

Core Course

101-102 Exploring Human Experience 3-3 hours

3 semester hours in mathematics or computer science

3 semester hours in humanities other than music

6 semester hours in language and literature selected from the following:

200-level and above courses in English;

300- and/or 400-level courses in French, German, Greek, Japanese, Latin, Modern Languages, Russian, or Spanish;

By advisement, passing the 202 level (or its equivalent) of a foreign language, or 8 semester hours of a natural science

Academic elective courses outside of music sufficient to bring the total to at least 35 semester hours

Physical education as specified by Requirements for the Distributional Division: Physical Education under the Health and Sport Science Department listing

The Music Minor, Requirements

Nineteen semester hours in the Department of Music, including:

Required:

Music Theory
109 Elementary Musicianship 4 hours

6 semester hours selected from:

Music History
227-228 General History
of Music 3-3 hours
231 Music of Nonwestern
Cultures 3 hours
337 Music in America 3 hours

3 semester hours in Music Theory above 109

3 semester hours in performing ensembles

3 semesters of applied courses in one area

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

General Prerequisite: If the course numbers shown in the course description are joined by a hyphen, the first course listed (or a proficiency in that course) is prerequisite to the second course listed.

Required of all majors:

401 Senior Seminar. Seminar for senior majors. Research topics and presentations chosen from the following according to student's area of concentration: performance, music history, music theory, composition, or music education. *2 sem. hrs.*

Music Education (MUS)

209-210 Conducting. Essentials of orchestral and choral conducting. Practical experience in directing. *Prerequisite:* Music 109 or permission of instructor. *2-2 sem. hrs.*

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 seminar reviewing current music education methods and materials. *Prerequisite:* Music Theory 109. *3 sem. hrs.*

316 Teaching of Music in the Elementary School. For students majoring in music education. Procedures and materials which provide various musical experiences for children. *Prerequisite:* Music Education 305. *3 sem. hrs.*

318 Teaching of Music in the Secondary School. Place of music in secondary school—its problems, methods, and materials. General music class, choral and instrumental groups including marching band, and study of theory and appreciation. *Prerequisite:* Music Education 305. *3 sem. hrs.*

346 Pedagogy and Literature. For students whose major area is performance. Pedagogical techniques and literatures of student's major performance area and application of these in teaching situations. Topic varies. *Prerequisite:* 4 semesters of individual instruction. *3 sem. hrs.*

347 Teaching Woodwind Instruments. Basic techniques of teaching and playing woodwind instruments. For prospective music teachers and non-woodwind performers. Class twice weekly. *1 sem. hr.*

348 Teaching Brass Instruments. Basic techniques of teaching and playing brass instruments. For prospective music teachers and non-brass performers. Class twice weekly. *1 sem. hr.*

349 Teaching Percussion Instruments. Basic techniques of teaching and playing percussion instruments. For prospective music teachers and non-percussion performers. Class twice weekly. *1 sem. hr.*

350 Teaching String Instruments. Basic techniques of teaching and playing string instruments. For prospective music teachers and non-string performers. Class twice weekly. *1 sem. hr.*

387 Church Music Methods. Instruction and practice in skills needed by organist-choirmaster. *Prerequisite:* Applied Music 282 or permission of instructor. *2 sem. hrs.*

Music History, Literature, and Appreciation (MUS)

095 Concert Experience. Attendance at selected live concerts. May be repeated. Graded Satisfactory/Unsatisfactory. *0 sem. hrs.*

112 Topics in Music Literature. For general student. Study of particular musical genre such as symphonic, chamber, piano, or opera literature, etc. *3 sem. hrs.*

113 Introduction to Electronic and Computer Music. For general student and music major. Survey of aesthetics and techniques of electronic and computer-generated music. *1-3 sem. hrs.*

114 Electronic and Computer Music Composition. For general student and music major. Lab course including basics of electronic and computer-generated music, leading to advanced work with Music Technology Lab. *Prerequisite:* Music 113 or permission of instructor. *3 sem. hrs.*

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, Black slave music, ragtime and blues. Includes concert attendance and performance project. *3 sem. hrs. (FSVP)*

116 The Music Scene. For general student. Survey of classical music. Organized around attending selected concerts in Richmond, studying genres of classical music these events present. Includes performance project. *3 sem. hrs. (FSVP)*

117 The Music of African Americans. Introduction to spectrum of musics that have been created by African Americans from times of American slavery to present, including folk, popular, and classical forms. *3 sem. hrs. (FSVP)*

125 Music and the Visual Arts. Examination and exploration of fundamental similarities between music and the visual arts. Focus on looking at, listening to, painting, drawing, composing, performing, analyzing, discussing, and interpreting objects in music and the visual arts. *3 sem. hrs. (FSVP)*

227-228 General History of Music. Survey for music major. Chronological study of development of Western music from its ancient beginnings. First semester: from antiquity to 1750; second semester: 1750 to present. *Prerequisite:* Music 110 or permission of instructor. *3-3 sem. hrs.*

231 Music of Non-Western Cultures. For general student and music major. Introduction to concepts and practices of music outside the Western European art tradition. Relationship between musical style and other aspects of culture. *3 sem. hrs. (FSVP)*

310 Managing Performing Arts Organizations. Review of topics essential for successful management of performing arts organizations. Will include organizational structure, budget development and management, strategic planning, trustee development, trustee/staff relations, marketing, audience development, development of outreach programming, box-office management, mailing list and membership management, human resource management, union labor relations, and contract negotiation. *Prerequisite:* Music Major. *3 sem. hrs.*

331 Medieval and Renaissance Music. Sacred and secular music from early Christian times to 1600. *Prerequisite:* Music History 228 or permission of instructor. *3 sem. hrs.*

332 Music of the Seventeenth and Eighteenth Centuries. Baroque and Classical music from Monteverdi to Mozart. *Prerequisite:* Music History 228 or permission of instructor. *3 sem. hrs.*

333 Nineteenth-Century Music. From Beethoven to Mahler and Strauss. Romantics and the rise of national schools. *Prerequisite:* Music History 228 or permission of instructor. *3 sem. hrs.*

334 Twentieth-Century Music. Principal composers of contemporary scene and development of important stylistic trends. *Prerequisite:* Music History 228 or permission of instructor. *3 sem. hrs.*

337 Music in America. For general student and music major. Survey of music in United States from Colonial times to present. Emphasis on study of traditions outside of Western European "classical" tradition in their ethnic, social, cultural and historical contexts. Includes concert attendance and performance project. *3 sem. hrs. (FSVP)*

338 Special Topics in Music History. Selected topics such as musical genre or works of specific composer. May be repeated for credit when topics vary. *Prerequisite:* Music History 228 or permission of instructor. *3 sem. hrs.*

Music Theory (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. May not count toward a degree in music. *3 sem. hrs. (FSVP)*

109 Elementary Musicianship. Comprehensive study of essential musical skills. Extensive application of musical materials: composition, ear-training, sight skills. *4 sem. hrs. (FSVP)*

110 Tonal Harmony I: Common Practice Period. Study and application of harmonic practice in Western music of seventeenth through nineteenth centuries. Written musical exercises include original com-

positions and written analyses of selections from tonal literature. Continuation of musicianship exercises from Music 109. *Prerequisite:* Music 109. *3 sem. hrs.*

111 Tonal Counterpoint. Study and application of tonal counterpoint. Written musical exercises include original compositions and written commentary on excerpts from tonal literature. Continuation of musicianship exercises from Music 109. *Prerequisite:* Music 109. *3 sem. hrs.*

155-156 Keyboard Skills. Keyboard skills taught through group instruction, utilizing Roland electronic laboratory. Sight-reading, improvising, melody accompaniment, keyboard harmony, and transposing. Class twice weekly. *1-1 sem. hrs.*

157-158 Keyboard Skills. Extension of 155-156, also utilizing electronic laboratory. Emphasis on reading SATB scores, in addition to sightreading, keyboard harmony, and transposing skills. *Prerequisite:* Keyboard Skills 156 or proficiency examination for the appropriate level. *1-1 sem. hrs.*

211 Tonal Harmony II: Chromaticism. Continuing work in study and application of harmonic practice in Western music of late eighteenth through early twentieth centuries. Written musical exercises include original compositions and written analyses of selections from chromatic literature. Continuation of musicianship exercises from Music 109. *Prerequisite:* Music 109. *3 sem. hrs.*

212 Analytic Approaches to Twentieth-Century Music. Study and application of techniques of analysis applicable to Western music of twentieth century. Written exercises include original compositions and written analyses of selections from the literature. Continuation of musicianship exercises from Music 109. *Prerequisite:* Music 109. *3 sem. hrs.*

213 Computer Music. Study of techniques and aesthetics of computer-generated music with extensive laboratory experience in the Music Technology Lab. Emphasis on MIDI technology and application. Continuation of musicianship exercises from Music 109. *Prerequisite:* Music 109. *3 sem. hrs.*

307 Composition. Directed projects in various styles for traditional and/or electronic media. May be repeated for credit. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

313 History of Music Theory. Survey of primary sources from ancient times to present, focusing on writings of Boethius, Guido d'Arezzo, Glarean, Zarlino, Rameau, Riemann, and Hindemith. *Prerequisite:* Music 110. *3 sem. hrs.*

315 Studies in Music Theory. Analysis, harmony, orchestration, and other theory skills as found in and applied to music of master composer. May be repeated. *Prerequisite:* 4 semesters of Music Theory or permission of instructor. *3 sem. hrs.*

317 Musical Form. Study of principles of organization in music with emphasis on European music since the Renaissance. Reading and analysis of scores exemplifying musical forms. *Prerequisite:* Music 211. *3 sem. hrs.*

Honors and Independent Study Courses

391-392-393-394 Honors Course. *3 sem. hrs. each.*

395 Independent Study. Directed research by selected students. *Prerequisite:* Invitation of department. *1-3 sem. hrs.*

Music Ensembles (MSEN)

Prerequisite for Ensembles: Except for Music 355-356, audition with ensemble's director. Auditions are open to all students.

191 University Orchestra. Study and performance of works for symphony orchestra. Experiences in sight reading and choral performances. One three-hour rehearsal weekly. May be repeated. *1 sem. hr.*

192 Jazz Ensemble. 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. Wind Ensemble and Pep Band. Two rehearsals weekly. May be repeated. *1 sem. hr.*

194 Jazz Combo. Small group performances to study style and improvisation. Includes basic theory, harmony, and composition. *Prerequisites:* Audition and permission of instructor. *1 sem. hr.*

195 University Choir. Mixed chorus of 60-80 voices. Study and perform primarily, but not exclusively, choral literature of Western art tradition. Two concerts performed yearly on campus with additional performances and tours. May be repeated. *1 sem. hr.*

197 Schola Cantorum. Small mixed chorus. Study and perform classical choral literature appropriate to group from A.D. to present including some music of popular or exotic origin. Two or more local concerts each year, with periodic trips on special assignment. May be repeated. *Prerequisite:* Invitation of director. *1 sem. hr.*

199 Small Ensemble. Study and performance of literature for small brass, woodwind, string, percussion and mixed groups. May be repeated. *Prerequisite:* Audition or permission of instructor. *1 sem. hr.*

355-56 Accompanying and Ensemble. Keyboard accompanying for voice and instruments (for pianists). Techniques in sonatas, trios, and larger chamber music groups for pianists, string and wind players, and singers. *Prerequisite:* Permission of department. *2-2 sem. hrs.*

Applied Music

Prerequisite for Applied Courses:
Placement at the discretion of department.

CLASS INSTRUCTION (MUS)

120 Class Guitar. Introduction to the guitar through folk music. *1 sem. hr.*

150 Class Piano. For the beginning piano student. An introduction to the elements of music via the keyboard. *1 sem. hr.*

351 Class Voice. For the specialist in music education: elements of voice production, vowel forms, and vocalizing. Class twice weekly. *1 sem. hr.*

INDIVIDUAL INSTRUCTION (MSAP)

One credit courses are for the first four semesters of study. Semesters 5-8 may be taken for two credits. Three credit courses are for Music Majors or with departmental permission.

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 Miscellaneous Instruments. 0 sem. hrs.

For first 4 semesters of study.

- 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 Miscellaneous Instruments. 1 sem. hr.

May be taken for semesters 5-8 of study.

- 260 Voice. 2 sem. hrs.
- 261 Piano. 2 sem. hrs.
- 262 Organ. 2 sem. hrs.
- 263 Guitar. 2 sem. hrs.
- 264 Flute. 2 sem. hrs.
- 265 Oboe. 2 sem. hrs.
- 266 Clarinet. 2 sem. hrs.
- 267 Saxophone. 2 sem. hrs.
- 268 Bassoon. 2 sem. hrs.
- 269 French Horn. 2 sem. hrs.
- 270 Trumpet. 2 sem. hrs.
- 271 Trombone/Baritone. 2 sem. hrs.
- 272 Tuba. 2 sem. hrs.
- 273 Percussion. 2 sem. hrs.
- 274 Violin. 2 sem. hrs.
- 275 Viola. 2 sem. hrs.
- 276 Cello. 2 sem. hrs.
- 277 String Bass/Electric Bass. 2 sem. hrs.
- 278 Miscellaneous Instruments. 2 sem. hrs.

For Music Majors or with departmental permission.

- 360 Voice. 3 sem. hrs.
- 361 Piano. 3 sem. hrs.
- 362 Organ. 3 sem. hrs.
- 363 Guitar. 3 sem. hrs.
- 364 Flute. 3 sem. hrs.
- 365 Oboe. 3 sem. hrs.
- 366 Clarinet. 3 sem. hrs.

- 367 Saxophone. 3 sem. hrs.
- 368 Bassoon. 3 sem. hrs.
- 369 French Horn. 3 sem. hrs.
- 370 Trumpet. 3 sem. hrs.
- 371 Trombone/Baritone. 3 sem. hrs.
- 372 Tuba. 3 sem. hrs.
- 373 Percussion. 3 sem. hrs.
- 374 Violin. 3 sem. hrs.
- 375 Viola. 3 sem. hrs.
- 376 Cello. 3 sem. hrs.
- 377 String Bass/Electric Bass. 3 sem. hrs.
- 378 Miscellaneous Instruments. 3 sem. hrs.

Philosophy (PHIL)

Ladelle McWhorter, *Chair*
 Professors Hall, Shapiro, Simpson
 Associate Professor McWhorter
 Assistant Professor Schaubert

The Philosophy Major

Thirty-three semester hours in philosophy, composed of:

- A. 251 Symbolic Logic
 - 271 Ancient Greek Philosophy
 - 272 Modern Western Philosophy
 - 343 20th-Century Analytic Philosophy
 - 344 20th-Century Continental Philosophy
 - 351-2 Majors' Seminar
- B. One course in value theory and its applications, such as:
 - 360 Ethics
 - 364 Philosophy of Law,
 or another specific course such as may be approved by the department from year to year
- C. Three philosophy electives, no more than one of which may be at the 200 level; and 15 approved semester hours in related fields. A grade of not less than *C* (2.0) is required in each course comprising the major.

The Philosophy Minor

Fifteen semester hours in philosophy, composed of:

- A. 271 Ancient Greek Philosophy
 - 272 Modern Western Philosophy
- B. Three philosophy electives, no more than one of which may be at the 200 level. A grade of not less than *C-* (1.7) is required in each course comprising the minor.

All 200-level courses are open to first-year students.

Introductory Courses

200 Introduction to Philosophical Problems and Arguments. Introduction to philosophy as a working discipline, with emphasis on analysis of conceptual problems and proposed solutions to them. Sample topics: Is there a thing which 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.*

Restriction. Credit is not allowed for both 200 and 220.

220 Contemporary Moral Issues. For students more concerned about thinking philosophically than about philosophy as such. Discussion of pressing moral issues as presented by contemporary writers of great philosophical skill: sex perversion/preference, lawlessness, criminal punishment, race and sex discrimination, political chauvinism, killing. *3 sem. hrs.*

251 Elementary Symbolic Logic. Introduction to modern logic beginning with truth-functions and covering formal proofs (propositional and predicate) through level of multiply-general and relational statements. No mathematical applications. Recommended for pre-law and pre-computer studies. *3 sem. hrs.* (FSSR)

252 Philosophy of the Sciences. Introductory survey of issues with emphasis on relationship between natural and social sciences, and relationship between science and values. *3 sem. hrs.*

258 Introduction to Feminist Philosophy. Introductory survey of social, political and philosophical theories espoused, developed and used by feminist thinkers. *3 sem. hrs.*

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.*

Historically Oriented Courses

271 Ancient Greek Philosophy. Introduction to ancient Western philosophy, with special attention to Socrates, Plato, and Aristotle. Some attention may be given to pre-Socratic thinkers and to Hellenistic thought. Readings drawn from primary texts. *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)

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 Twentieth-Century European Social Philosophy. Examination of movements and individuals; emphasis on Lukacs, Frankfurt school, and Habermas. Previous work in philosophy or good background in history and/or literature is presumed. *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.*

343 Twentieth-Century Analytic Philosophy. Critical examination of 20th-century topics and thinkers in the Analytic tradition. *3 sem. hrs.*

344 Twentieth-Century Continental Philosophy. Critical examination of 20th-century topics and thinkers in the French and German traditions. *3 sem. hrs.*

350 Topics Seminar: Historical. Selected topics in philosophy arranged historically. Recent topics: Kant, Hegel, Critical Theory, Nietzsche, Heidegger. May be repeated for credit when topic differs. *3 sem. hrs.*

Issues Oriented Courses

358 Feminist Philosophy. Examination of recent and contemporary feminist theory. *3 sem. hrs.*

360 Ethics. Basic inquiry focusing on question, What shall I do? Normative proposals by egoists, utilitarians, and others about how to decide. Recent metaethical views about emotion and reason in value judgment. Cases and issues. *3 sem. hrs.*

361 Philosophy of Art/Aesthetics. Conceptual problems about art, the artist, and aesthetic judgment. Role of intention, intellect, and inspiration in both creation and craft. Is objective judgment and criticism possible? *Prerequisite:* One previous philosophy course or, for art history majors, permission of department. (Same as Art 361.) *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.*

363 Philosophy of Science. General introduction to philosophy of science dealing with structure of scientific theories, nature of scientific activity, and scientific world picture. Note: No prerequisite for junior and senior science majors. *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.*

380 Topics Seminar: Issues. Selected topics in philosophy arranged by issues. Recent topics: Science, Pseudoscience and the Paranormal; The Emotions: Rationality, Ideology and Difference; Action and Free Will; Philosophy and the Visual Arts. May be repeated for credit when topic differs. *3 sem. hrs.*

Courses for Majors Only

351-351 Majors' Seminar. Reading, writing, critiquing, presenting, and defending philosophical essays. Techniques of analysis and hermeneutics. Preparation of proposal, bibliography and partial draft of a senior project, including extensive presentation and critique of work in progress. Ordinarily taken in junior year. *3-3 sem. hrs.*

390 Independent Study. Faculty member directs student's reading and study. *1-3 sem. hrs.*

395 Honors Thesis. Supervised completion of a research thesis begun and approved in Majors' Seminar. *3 sem. hrs.*

386 Honors Seminar. Research seminar for honors students on topic selected mutually by instructor and those enrolled. *3 sem. hrs.*

Physical Education (SPSC)

(See Health and Sport Science)

Physics (PHYS)

James B. Seaborn, *Chair*

Professors Major, Seaborn

Associate Professors Gilfoyle, Vineyard

Assistant Professor Rubin

Visiting Assistant Professor Druzbeck

The Physics Major

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

For the Bachelor of Arts degree:

26 semester hours in physics courses approved by the department including:

Physics 101-102 or 131-132

Physics 205, 321, 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, secondary school teaching, 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 321

Chemistry 103-104

Mathematics 245

7 semester hours in courses outside physics approved by the department

The Physics Minor

Seventeen semester hours in physics courses, including at least nine semester hours in courses numbered above 200, ex-

cluding 397-398 and 497-498. A grade of not less than *C-* (1.7) is required in each physics course included in the minor.

Notes

The beginning courses in Physics (101, 102, 111, 112, 121, 123, 131, and 132) offer different approaches to the subject matter depending on the student's intended major. Any of these courses may be used for partial fulfillment of the natural science fields-of-study requirement for general education.

Physics 111, 112, 121, and 123 are general courses for students whose intended major is in other than the natural and mathematical sciences.

For students intending to major in the natural or mathematical sciences, Physics 131-132 is the recommended option; however, Physics 101-102 is also acceptable for these majors. Students should consult with the department of their intended major for more information concerning this option.

101-102 General Physics. Basic course without calculus. Mechanics, heat, sound, magnetism, electricity, light, and modern physics. Includes laboratory. Note: Physics 101 not prerequisite to 102. *Prerequisites:* Algebra and trigonometry. A student may not receive credit for both Physics 101 and 111, or 101 and 131; nor for Physics 102 and 112, or 102 and 132. *4-4 sem. hrs.* (101 or 102, FSNP)

111 Motion, Energy, and Heat. Develops classical theory of mechanics to explain behavior of matter. Introduces atomic theory. For nonscience majors. Includes laboratory. *4 sem. hrs.* (FSNP)

112 Electromagnetism and Modern Physics. Develops classical theory of electricity and magnetism and discusses current models of atomic and subatomic world. For nonscience majors. Includes laboratory. *4 sem. hrs.* (FSNP)

121 Astrophysics. Celestial motions, stellar structure, cosmology, and related problems including appropriate concepts of elementary physics. For non-science majors. Includes laboratory. *4 sem. hrs.* (FSNP)

123 Waves. Sources and properties of waves in matter and fields and related elements of mechanics, electricity, and optics. For nonscience majors. Includes laboratory. *4 sem. hrs.* (FSNP)

131-132 General Physics with Calculus. Calculus-based introductory course. Mechanics, heat, sound, magnetism, electricity, and light. Includes laboratory. *Prerequisites:* Math 211 (or 111)-212 (may be taken concurrently). Physics 131 is prerequisite to 132. A student may not receive credit for both Physics 131 and 101, nor for 132 and 102. *4-4 sem. hrs.* (131 or 132, FSNP)

205 Introduction to Modern Physics. Quantization of matter and energy, waves vs. particles, atomic spectra, atomic structure, Schroedinger equation. *Prerequisite:* Physics 132 or permission of department. *3 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.*

315 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 (BASIC, FORTRAN, or Pascal). *3 sem. hrs.*

316-317 Electronics. Basic electronics and instrumentation for science majors. Study of dc and ac circuits, diodes, rectifiers, operational amplifiers, binary logic, Boolean algebra, digital circuits, analog-digital conversion, transducers, and computer interfacing. Includes laboratory. *Prerequisites:* Physics 101-102 or 132. *4-4 sem. hrs.*

321-322 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.*

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. *.5-.5 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. *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. *.5-.5 sem. hrs.*

Political Science (PLSC)

Sheila Carapico, *Chair*

Professors Gunlicks, Outland, E. West, Whelan
Associate Professors Carapico, Palazzolo
Assistant Professors Kandeh, Patterson, Swinford

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, 371, 400

Two of the following: 221, 240, 250

One of the following: 311, 312, 315

In addition to the 30 hours in political science, Mathematics 119 (preferred) or 129 or equivalent is required as a prerequisite for Political Science 371.

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 that additional coursework in political science and related fields be elected beyond that specified for the major. Study abroad is 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, 371
(prerequisite Math 119)

One of the following: 221, 240, 250

220 Introduction to American Government. Basic roles, structures, and functions of American political institutions and introduction to American political process. *3 sem. hrs.*

221 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)

240 Introduction to Comparative Politics. Concepts, approaches, classifications, and models useful in comparative political research. 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 of the forces which help or hinder attainment of goals. *3 sem. hrs.* (FSSA)

300 Bureaucracy and Public Policy. Examination of nature of bureaucracy and power of public sector bureaucrats and agencies to shape, create, implement, resolve disputes about, and evaluate public policies.

Prerequisite: Political Science 220, 221 or permission of instructor. *3 sem. hrs.*

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.*

307 Public Management. Comparative analysis of management in public and private sectors. Focuses on the managerial position and public administration as a profession. *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 eighteenth, nineteenth, and twentieth centuries, such as Rousseau, Burke, Hegel, Marx, J. S. Mill, and Nietzsche. *3 sem. hrs.*

315 American Political Theory. Political thought in America from colonial times to the present, emphasizing themes of liberty, individualism, community, and national purpose. *3 sem. hrs.*

321 Women and Power in American Politics. Examines women's access to and exercise of power in United States, and effects of government power on women's lives. Takes conscious account of differences with respect to race, ethnicity, class, and sexuality. *Prerequisite:* Political Science 220 or Women's Studies 220 or permission of instructor. *3 sem. hrs.* (FSSA)

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 the people they govern. *Prerequisite:* Political Science 220 or permission of instructor. *3 sem. hrs.*

324 The Politics of Social Welfare. Development and adequacy of programs addressing needs of "the deserving 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.*

325 Minority Politics. Comparative examination of the history, problems, and political role of minority groups in the United States. *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 or permission of instructor. *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 functional and territorial 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 Politics and the Legal System. Analysis of the 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 prosecutions. *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. Ethnic, cultural, religious, and economic diversity; political institutions, parties, and elections; and current leaders. *Prerequisite:* Political Science 240 or permission of instructor. *3 sem. hrs.*

343 Comparative Party Systems. Political parties and party systems from comparative perspective, with

emphasis on American and European parties. *Prerequisites:* Political Science 220 and 240 or permission of instructor. *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. *Prerequisite:* Political Science 240 or 250 or permission of instructor. *3 sem. hrs.*

345 Islam in Politics. Comparative exploration of political, economic, social, and cultural conditions under which a major world religion becomes a political force. *Prerequisite:* Political Science 240, International Studies 201 or permission of instructor. *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 250 or 240 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 conflict management, promotion of economic and social welfare, and development of community. *Prerequisite:* Political Science 250 or permission of instructor. *3 sem. hrs.*

354 World Conflict and Public Order. Theoretically oriented study of nature and sources of interstate conflict, and capacity of international system for dealing with such conflict. *Prerequisite:* Political Science 250 or permission of instructor. *3 sem. hrs.*

355 Foreign Aid and Development Policy. Assistance policies of wealthy nations and multilateral organizations, development policies and problems of poor or underdeveloped nations, and dynamics of economic, political, and cultural transactions. *Prerequisite:* Political Science 250. *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 War and Peace in the Middle East. International relations of Southwest Asia and North Africa, with an emphasis on armed conflict, security issues, and diplomacy. *Prerequisite:* Political Science 250 or permission of instructor. *3 sem. hrs.*

371 Introduction to Political Research and Analysis. Approaches, orientations, theories, scope, and methods used in study of politics, exemplified primarily through practical exercises and readings. *Prerequisites:* Political Science 220 and Mathematics 119 or 129, or permission of instructor. *3 sem. hrs.*

372 Applied Research. Application of advanced research techniques in such areas as public opinion, voting, and policy evaluation. *Prerequisite:* Political Science 371 or permission of instructor. *3 sem. hrs.*

379 Selected Topics. Examples include Comparative Public Policy, Deficits and Public Interest, Political Terrorism, and Leadership and Women's Movements. *3 sem. hrs.*

380 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 a weekly seminar on the state legislative process with work as an assistant to a state legislator, government agency, interest group, or press during the session of the Virginia General Assembly. *Prerequisites:* Political Science 220 and permission of instructor. *6 sem. hrs.*

397-398 State and Local Government Internship. Combines periodic seminars on state and local government issues with off-campus work in state or local political position or government agency located in Richmond area. *Prerequisites:* Political Science 220 and permission of instructor. *3-3 sem. hrs.*

400 Senior Seminar. Reading and research focusing on an important topic in political science. Both topics and instructors change from semester to semester. *Prerequisites:* Senior status and completion of 21 hours in political science. *3 sem. hrs.*

Psychology (PSYC)

Andrew F. Newcomb, *Chair*

Professors Blick, Newcomb, Tromater

Associate Professors Allison, Hopkins, Kinsley, Kozub, Sholley

Assistant Professors Berry, Li

Clinical Assistant Professors Churchill, Stott

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

The Psychology Major

The Department of Psychology offers a rigorous, hierarchically organized curriculum which combines the highest expectations of achievement with a nurturing environment rich in opportunities for personal engagement and intellectual stimulation. Our central mission is to provide an academic setting for students to become skilled, adaptable, and highly capable of working collaboratively; to excel in the best graduate and professional schools or in the most competitive entry-level employment opportunities; and to lead productive lives characterized by a lifetime of learning, leadership, and service. We seek to offer our students a distinctive experience of engagement—a love of learning and involvement with the community—which is brought together by a unique interaction among the quality of our student experience and the dedication of our faculty to excellence in teaching and scholarship.

Our 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 emphasis on the scientific process,

on intellectual challenge and complexity, on engagement in primary source readings, on interactive and collaborative learning, on critical and analytical thinking, on making full use of current technologies, on professional ethics, on effective oral and written expression, on recognizing multicultural perspectives, on appreciating psychology's unique position within the liberal arts, on involvement in the intellectual and cultural community, and on respect for individual differences. These emphases of our curriculum reflect our goals and aspirations as educators; they represent directions for both stimulating and challenging the intellectual curiosity of our students; moreover, they pervade all levels of our undergraduate curriculum, from our introductory course to our most advanced courses.

For the Bachelor of Arts degree:

36 semester hours in psychology including:

- Psychology 100
- Psychology 200 and a passing grade on the Psychology 200 Competency Exam
- One course in the 210-219 series
- One course in the 220-229 series
- One course in the 310-319 series
- One course in the 320-329 series
- One Methods & Analyses course in either the 310-319 or 320-329 series
- One course in the 433-449 series

For the Bachelor of Science degree:

36 semester hours in psychology, including:

- Psychology 100
- Psychology 200 and a passing grade on the Psychology 200 Competency Exam
- One course in the 210-219 series
- One course in the 220-229 series
- One Methods & Analyses course and corequisite in the 310-319 series
- One Methods & Analyses course and corequisite in the 320-329 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 or 155

Either Biology 211 and 212, Chemistry
103-104, Physics 101-102, or
Physics 131-132

And for either degree:

No more than six semester hours selected from courses numbered 210-249, six semester hours in independent research, or three semester hours of internship may be applied to the 36 semester hours required in psychology.

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

25 semester hours in Psychology including:

Psychology 100

Psychology 200 and a passing grade on the Psychology 200 Competency Exam

One course in the 210-219 series

One course in the 220-229 series

One course in the 310-319 series

One course in the 320-329 series

One Methods & Analyses course in either the 310-319 or 320-329 series

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. *4 sem. hrs.* (FSSA)

190 Child Psychology. Introduction to biological, social, cognitive, and emotional processes of development during prenatal to pre-adolescent developmental periods. Does not count toward hours required for psychology major. *Prerequisite:* Psychology 100 or equivalent. *3 sem. hrs.*

Prerequisite to all following psychology courses: Psychology 100.

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. *6 sem. hrs.*

Note: To be eligible for enrollment in 300-level and 400-level psychology courses, students must pass the Psychology 200 Competency Exam at the conclusion of Psychology 200.

Overview Course Series 210-229

These courses represent the second curricular level within the major and minor. Emphasis is on critical analysis of psychological theories, issues, and research.

Registration: Permission of department chair is required for junior and senior psychology majors seeking to enroll in 210-249 series courses.

211 Abnormal Behavior. Survey of differing conceptualizations and measurements of mental dis-

orders. Variability and determinants of abnormal behavior examined through theory, research, and case studies. *3 sem. hrs.*

213 Personality. Exploration of nature, origins, and functions of human personality. Includes critical examination of major personality theories and current personality research. *3 sem. hrs.*

215 Human Diversity. Psychological differences and similarities among groups of people within American culture. Emphasis on gender, social class, race, and ethnicity. Topics include language, communication, testing, achievement, and social misperception. *3 sem. hrs.*

219 Core Topics: Behavioral and Social Processes. Offering explores theories, issues, and research in subarea of psychology focused on behavioral and social processes. *3 sem. hrs.*

222 Motivation and Emotion. Scientific explanations for human and animal behaviors that involve processes ranging from basic biological events to higher psychological processes in cognition, learning, and performance. *3 sem. hrs.*

224 Cognitive Processes. Processes and structures underlying human information processing. Topics include attention, memory, knowledge representation, problem-solving, heuristics, language, and unconscious processes. *3 sem. hrs.*

229 Core Topics: Biological and Cognitive Processes. Offerings explore theories, issues, and research in subarea of psychology focused on biological and cognitive processes. *3 sem. hrs.*

Overview Course Series 230-249

Designed primarily for non-majors, these courses may not be taken for credit toward the major or the minor.

230 Psychology of Women. Analysis of gender as function of biological and environmental forces. Emphasis on traditional and modern roles, developmental patterns of women, and psychological problems unique to women. (Sociology 220 or Women's Studies 220 serve as alternative prerequisites to Psychology 100.) *3 sem. hrs.*

249 Special Topics. Special course offerings to explore specific direction within subdiscipline of psychology. *Prerequisite:* Stated when course is offered. *3 sem. hrs.*

Overview Course Series 300-399

Prerequisite for psychology courses in the 300-399 series is Psychology 200 and successful performance on the Psychology 200 Competency Exam.

Overview of Course 300

Recommended for majors who are planning to attend graduate school in psychology. Psychology 399 may be substituted for Psychology 300.

300 History and Systems of Psychology. History of psychology and of major schools of thought and their viewpoints. *Prerequisites:* Psychology 210-229 series requirements. *3 sem. hrs.*

Overview Course Series 311-329

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 even-numbered courses 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 Behavioral and Social Bases: Theory and Research. Critical overview of theory and research in a behavioral or social subdiscipline of psychology. *3 sem. hrs.*

318 Behavioral and Social Bases: Method and Analyses. Methodology and analytic procedures used in psychological research with in-depth application to a behavioral or social subdiscipline of psychology. *Corequisite:* Psychology 317. *3 sem. hrs.*

321 Behavioral Neuroscience. Biological and physiological processes involved in central and peripheral regulation of animal and human behavior. *3 sem. hrs.*

322 Behavioral Neuroscience: Methods and Analyses. Intensive experience with techniques and approaches used in design, execution, and analysis of research in behavioral neuroscience. *Corequisite:* Psychology 321. *3 sem. hrs.*

323 Sensation and Perception. Basic principles underlying sensory, perceptual, and sensorimotor functioning, including seeing and hearing. *3 sem. hrs.*

324 Sensation and Perception: Methods and Analyses. Intensive experience with techniques and approaches to implementation of research in sensation and perception including computer and perception laboratory experience applying psychophysical methodology and statistical skills to analysis of sensory, perceptual, and sensorimotor systems. *Corequisite:* Psychology 323. *3 sem. hrs.*

325 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.*

326 Learning and Memory: Methods and Analyses. Intensive experience with implementing methodology and analytic approaches used in study of learning and memory. *Corequisite:* Psychology 325. *3 sem. hrs.*

327 Biological and Cognitive Bases: Theory and Research. Critical overview of theory and research in a biological or cognitive subdiscipline of psychology. *3 sem. hrs.*

328 Biological and Cognitive Bases: Method and Analyses. Methodology and analytic procedures used in psychological research with in-depth application to a biological or cognitive subdiscipline of psychology. *Corequisite:* Psychology 327. 3 sem. hrs.

Overview of Course Series 330-349

Special opportunities for exploration of topics in depth after introduction to a sub-area of psychology.

330 Human Sexuality. (See Health and Sport Science 330.) *Prerequisite:* One course from psychology series 210-219. 3 sem. hrs.

349 Special Topics. Special course offerings to explore specific direction within subdisciplinary area of psychology. *Prerequisite:* Stated when course is offered. 3 sem. hrs.

Overview Course Series 361-399

These courses provide intensive study with opportunity for individualized direction.

361 Independent Research. Individual research conducted in collaboration with faculty. Note: No more than 6 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 210-229 appropriate to the internship setting. 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

Prerequisites: Completion of all 200-level requirements and a passing grade in the Psychology 200 Competency Exam. 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. *Prerequisites:* Psychology 200 and 211, 213, 219, 222, 224, 228, or 229. 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.

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.

449 Advanced Seminar. Special intensive seminar offerings based on student demand and faculty availability. *Prerequisites:* Psychology 200 and 211, 213, 219, 222, 224, 228, or 229. 4 sem. hrs.

461-462 Senior Research. Senior research project completed in collaboration with faculty mentor. *Prerequisite:* Completion of 300-level requirements. 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)

Frank E. Eakin, Jr., *Chair*
Professors Eakin, James
Associate Professor Davis
Assistant Professors Bergren, Shaw

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

The Religion 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), three hours in a study significantly oriented toward a non-western religion (250, 251, 352, 353, 354, 360, or 366), three hours in Ethical-Theological Studies (260s/360s), Major Seminar (Religion 398), plus 18 semester hours in related fields. (A course used to satisfy the non-western requirement may not be used to satisfy any other requirement for the major). It is recommended 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.

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.

200 Symbolism, Myth, and Ritual. Symbols, myths and rituals as recurring expressions of religion in both individual and communal focus. *3 sem. hrs.*

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 to 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)

231 The Bible and Western Culture. Different ways in which Biblical passages have been translated and interpreted. Special attention to passages which have had significant cultural impact or which are focus of current controversy. *3 sem. hrs.*

232 Introduction to Biblical Hebrew. Principles and structure of Biblical Hebrew with translation of selected Old Testament narratives. *3 sem. hrs.*

240 Introduction to the New Testament. Cultural milieu, development, and thought of New Testament. *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)

Restriction: Students may not take both Religion 240 and 241 for credit.

242 Jesus and Christian Origins. Jesus as seen by the Early Church and by the writers of Matthew, Mark, and Luke. The literary nature and faith expression of the Synoptic writings. *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. *3 sem. hrs.*

251 Religions of India. Introduction to Indian religions and religious themes such as yoga, mysticism, and sacred art and dance. *3 sem. hrs.*

254 Interaction of Church and State in Contemporary America. Relation between religion and state over past 50 years as reflected in decisions of U.S. Supreme Court. Special attention to issues such as school prayer, evolution, Bible reading, Sunday closing laws, and abortion. *3 sem. hrs.*

255 Fundamentalism and Evangelicalism in America. Historical perspective on the rise of American fundamentalism since 1870, and the course of broader evangelicalism of which it is part. Examines issues of Biblical authority, Christian exclusivism, and role of Biblical criticism in theological controversy. Analysis of current debates on such topics as creationism, humanism, school prayer, and abortion. *3 sem. hrs.* (FSHT)

256 Introduction to History of Christianity. Survey of Christianity from beginnings to contemporary manifestations, with emphasis on topics such as early

heresies, councils, interplay with political activity, impact of Protestant Reformation, challenge of Enlightenment, and variety of popular movements spawned by Christianity. *3 sem. hrs.*

257 The Black Church in America. Survey of historical development of the black church in America, from antebellum era to present. *3 sem. hrs.*

258 Medieval Religious Thought. History of European religious thought in the Middle Ages through reading an analysis of primary texts in translation, supplemented by interpretive materials drawn from secondary literature. *3 sem. hrs.* (FSHT)

260 Introduction to Judaism. Introduction to major concepts, rituals, holidays, and beliefs, treated topically and historically, e.g., Torah, Sabbath, dietary laws, calendar of religious observances, messianism, and death. *3 sem. hrs.*

261 Introduction to Christian Faith. Christian convictions regarding Jesus and the Trinity, revelation and the Bible, creation and God, sin and salvation as interpreted and debated among contemporary thinkers. Also, Biblical basis and historical development of topics. *3 sem. hrs.*

Restriction: Students may not take both 261 and 361 for credit.

262 Introduction to Religion and Personality. How person is understood by religious thinkers East and West and relation of religious thought about person to psychological research. How religion fits into personality development. *3 sem. hrs.*

263 Symbolism in Religion, Literature, and Art. Role of symbol activity in life of man as psychobiological and social being, with attention to views of Mircea Eliade, Carl Jung, Changyam Trungpa Rimpoche, and Northrup Frye. Some specific symbols that recur importantly in art, literature, and religion. *3 sem. hrs.*

265 Religion and Moral Decisions. Religion in making of value judgments and in interaction with society. Emphasis on such problems as abortion, euthanasia, death penalty, politics, and social justice. *3 sem. hrs.*

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.*

268 Religious Themes in Contemporary Literature. Some enduring problems of religious thought and action as expressed, directly and indirectly, in contemporary literature. *3 sem. hrs.* (FSLT)

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 and sophomore students only: a 200-level religion course or 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 the first two centuries A.D.: their origins and interactions. Consideration of Pauline, Johannine, Marcionite strands; Jewish Christianity; Gnosticism; Montanism; etc. *3 sem. hrs.*

341 Paul and Christian Origins. Writings of Paul, with emphasis on earliest struggles of Christian Church, its theology and milieu. Reactions to Pauline thought. *3 sem. hrs.*

342 Johannine 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. *3 sem. hrs.*

350 The Ancient Near East. Thought structures characteristic of inhabitants of Mesopotamia, Syria, and Egypt from approximately 3500 B.C. until 600 B.C. *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.*

354 The Hindu Tradition. Hinduism in both its popular forms: ritualized religion of temple, priest, pilgrimage, and family observance; and religion centered around saint or guru, the ashram, and inner spiritual disciplines. *3 sem. hrs.*

356 Reformation Thought and the Contemporary Church. Contemporary church and its concern about religious authority. Reformation and its link with present, with emphasis on Luther and Calvin. *3 sem. hrs.*

357 Religion in the Development of American Society. Relates religious thought to social, economic, and political developments to demonstrate major role of religion in shaping American culture. *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.*

361 Christian Beliefs. Development and ongoing interpretation of central affirmations of Christian faith. For students with background in modern Biblical studies. *Prerequisite:* Religion 230 or 240 or 241 or permission of instructor. *3 sem. hrs.*

Restriction: Students may not take both 261 and 361 for credit.

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. Concentrated examination of seminal thinker such as Paul Tillich, or group or movement addressing one or more theological issues in common such as narrative theology. *3 sem. hrs.*

364 Issues in Religion and Personality. Correlation of religious thought with that of thinkers in social and behavioral sciences as related to psychological and religious views of altered states of consciousness, conversion, peak experiences, and psychic phenomena. Religion as source of creativity. *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. Concentrated examination of ethical and religious issues in one aspect of contemporary life, such as uses of modern medicine, impact of technology on man and nature, or persistence of poverty. *3 sem. hrs.*

372 Television As a Cultural Force. (Summer only.) See English 372. *6 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.*

398 Major Seminar. Examination of selected issues in study of religion. *3 sem. hrs.*

Sociology and Anthropology (SOC, ANTH)

Henry Stewart, *Chair*

Professors Lewellen, Stewart, Wingrove
Associate Professors Lee, Neff, Nourse, Wharton
Assistant Professors Cavalcanti, Obi

ANTHROPOLOGY (ANTH)

The Anthropology Minor

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

Anthropology 205 and 15 additional semester hours of anthropology.

205 Introduction to Cultural Anthropology. Evolution of culture from hunting/gathering bands to modern industrial states. Cross-cultural perspective on social structure, religion, economy, and politics. *3 sem. hrs.* (FSSA)

299 Human Origins. Human evolution and archeology to the beginnings of early civilization. *3 sem. hrs.*

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.*

307 North American Indians. Historical development, variability, and present problems 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.*

326-327 Directed Independent Study. 1-3/1-3 sem. hrs.

336 Political Anthropology. 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.

337 Peoples of Indonesia. Anthropological approach to history, religion, art, and gender relationships. 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.

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. 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 and 6 additional hours in anthropology or closely related field and permission of department. 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).

The Sociology Major

Thirty-three semester hours in sociology including 101, 210, and 334, and 24 additional hours in sociology. Mathematics 119 recommended in addition.

The Sociology Minor

Eighteen semester hours in sociology, including 101, 210, 334, and nine additional hours of sociology.

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)

210 Fundamentals of Sociological Research. Research design and methods; data analysis and presentation; interpretation of findings and relationship to sociological theory. *Prerequisite:* Sociology 101. Mathematics 119 recommended. 3 sem. hrs.

220 Introduction to Women's Studies: The Sociology of Women. Personal and social development of women in American society. Conditions and events that shape women's lives and consciousness. Similarities and diversity across race, social class, and age. (See Women's Studies 220.) 3 sem. hrs. (FSSA)

230 Introduction to Africa: The Sociology of Africa. (See International Studies 230.) 3 sem. hrs.

301 The City. Development of urban society and metropolitan community. Historical, ecological, and social bases of change, stressing factors having demonstrable impacts on human social behavior. *Prerequisite:* Sociology 101. 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 variation. 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. (Summer only.) Steps in adult and juvenile criminal justice processes from arrest through court procedures, incarceration. Innova-

tive rehabilitative treatments. Students participate in a series of field experiences. Readings from sociological literature. *Prerequisite:* Sociology 101 or permission of instructor. *3 sem. hrs.*

315 Population. 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.*

321 The Sociology of Leisure. Relationship between work and leisure; conceptual development of leisure, leisure activities. Multidisciplinary approach. *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 Sociology of Law. 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.*

326-327 Directed Independent Study. *Prerequisites:* Sociology 101 and permission of instructor. *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 Sociology of Education. 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.*

334 Sociological Theory. History of sociological thought; major theoretical perspectives; contemporary issues. *Prerequisites:* Sociology 101 and 6 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, relatives, friends, and various helping professionals. Meaning and function of grief. Cross-cultural data included where possible. (Same as Health and Sport Science 342.) *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. *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, 210, and 6 additional hours of sociology and permission of department. *1-3 sem. hrs.*

Speech Communication, Theatre and Dance (SPCH, THTR, DANC)

David Thomas, *Chair*

Professors Tarver, Welsh
Associate Professors Thomas, W.R. West
Assistant Professor Schoen
Director of Costume Allen
Director of Dance Daleng

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

Eighteen semester hours to include the following:

Theatre 115	3 hours
Dance History 250	3 hours
Performance Dance 255, 256, 257, 259, 260, 261/361, 266/366, 267, 306	6 hours
Technical Theatre/Design Theatre Arts 201, 202, 204, 206, 213, 301, 302	3 hours
Elective in Dance or Theatre Arts	3 hours

250 Dance History. Study of development of dance from its primitive beginnings to present. Studio time includes improvisation and choreography. *3 sem. hrs.* (FSVP)

255 Choreography. Study of choreographic process covering fundamentals of movement composition. *3 sem. hrs.*

256 Beginning Jazz Dance. Introduction to jazz dance as an eclectic form of artistic expression with emphasis on rhythm and technique. *2 sem. hrs.*

257 Beginning Ballet. Introductory course in Ballet as a theatrical art form. Study of nonverbal form of expression, with human body as instrument of that expression. *2 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. *2 sem. hrs.*

260 Beginning Modern Dance. Introduction to modern dance as a diverse form of expression with development of language of movement. *2 sem. hrs.*

261/361 Intermediate/Advanced Jazz Dance. Continuation of Beginning Jazz, emphasizing advanced technique, vocabulary and style. *Prerequisite:* Previous jazz technique. *2 sem. hrs.*

266/366 Intermediate/Advanced Ballet. Continuation of Beginning Ballet, emphasizing advanced technique and vocabulary. *Prerequisite:* Previous ballet technique. *2 sem. hrs.*

267 Movement for the Stage. Study and exploration of movement for stage through improvisation and guided exercises. *2 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.*

SPEECH COMMUNICATION (SPCH)

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 Speech Communication Major

Thirty semester hours as follows:

Speech 101	3
Speech 105	3
Theatre 115	3
Selected courses	
one course from each group	12
Rhetoric	
(A) Performance: 201, 222, 311, 320	
(B) Theoretical: 318, 321, 325	
Communication	
(C) Performance: 206, 306, 335, 340	
(D) Theoretical: 330, 335, 340	
Electives	9

Limitations

A particular course cannot be used to meet more than one course requirement of the major.

A seminar's group designation will be assigned when the course is taught.

No more than three semester hours each of internship and independent study may count toward the major.

Internships are graded pass/fail.

Practicum credit will not count toward the major.

Practicums are graded pass/fail.

The Speech Communication Minor

Eighteen semester hours, including Speech 101, 105, six hours at the 300 level, and two electives. No credit toward the minor for internships, independent study, or practicum.

101 Principles of Speech Communication. Confidence in delivering public speeches. Logical structure of ideas, effective use of language, application of evidence to arguments. Classroom speeches and critiques. *3 sem. hrs.*

105 Interpersonal Communication. Understanding of communication as transactional process and ecological system as part of our environment and as instrument for social action. Orientation toward communication contributing to effective interpersonal communication. Competence in interpersonal communication transactions. *3 sem. hrs. (FSSA)*

201 Argumentation and Debate. In-depth introduction to principles of public advocacy. Skills-oriented course emphasizing casewriting, presentation, analysis, refutation, cross-examination. Classroom practice. *3 sem. hrs.*

206 Group Communication. Modern theory and methodology; participation in group discussion relating theory to specific communication problems. *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: Speech 101. 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: Speech 101. 3 sem. hrs.*

310 Managing Performing Arts Organizations. (See Music 310.) *Prerequisite: Speech Major. 3 sem. hrs.*

311 Advanced Public Speaking. Performance course for advanced students. Strategic planning for persuasive speaking, including audience analysis, subject matter expertise, and delivery techniques for greater effectiveness. *Prerequisite: Speech 101. 3 sem. hrs.*

312 Seminar in Speech Communication. Representative topics: phonetics, analysis of selected speech genres, communication in leadership. *Prerequisite: Permission of instructor. 3 sem. hrs.*

315 Independent Study. *Prerequisite: Permission of instructor. No more than 3 semester hours of independent study may count toward the major. 1-3 sem. hrs.*

318 Rhetorical Criticism. History and development of leading critical methodologies and theories. Studies in criticism of influential speeches in history. Criticism and analysis of contemporary speeches. *Prerequisite: Speech 101. 3 sem. hrs.*

320 Speech Writing. History of professional speech writing from classical times to the 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: Speech 101. 3 sem. hrs.*

321 Classical Rhetoric. Roots of modern rhetorical theory in writings of Greek and Roman teachers of rhetoric. *Prerequisite: Speech 101. 3 sem. hrs.*

325 American Public Address. Colonial times to present. Critical study of resources of selected speakers, content of speeches, and effect on significant issues. *3 sem. hrs.*

330 Communication Theory. Survey of leading human communication theories put forward in varied areas of communication behavior, including interpersonal, group, and public communication. *Prerequisite: Speech 101 or Speech 105. 3 sem. hrs.*

332 Practicum. Understanding speech communication through practical oral performance: debate, oral interpretation, public address. Fifty hours 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 Speech Communication, Theatre and Dance major or minor.*

335 Organizational Communication. Presents fundamental principles of organizational communication theory, methods and practices, applied to concrete examples from organizational experiences. *Prerequisite: Speech 105. 3 sem. hrs.*

340 Cross-Cultural Communication. Studies the dynamics of cross-cultural communication. Emphasis on familiarizing students with issues relating to diversity and improving students' skills in communicating across cultural barriers. *Prerequisite: Speech 105. 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. *Prerequisites: Majors only. Faculty approval before beginning work. 1-3 sem. hrs. Restriction: No more than 3 semester hours of internship may count for speech communication major.*

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 semester hours, including Speech 101, Theatre 115, and 309; and:

History/Theory (Theatre 325 or Dance 250)	3 hours
Performance (Theatre 212, 308 or Dance 255)	6 hours
Technical Theatre/Design (Theatre 201, 202, 204, 206, 213, 301, 302)	6 hours
Literature/Criticism (Theatre 120, 121, 122)	3 hours
Electives in Theatre	3 hours

Limitations

Theatre 315 (Independent Study), 330-341 (Practicums) and 388 (Internship) cannot be counted in the major.

The Theatre Minor

Twenty-one semester hours, including Speech 101 and Theatre 115; and:

Theatre	
History/Theory (309, 325)	3 hours
Performance (212, 308)	3 hours
Technical Theatre/Design (201, 202, 204, 206, 213, 301, 302)	3 hours
Literature/Criticism (120, 121, 122)	3 hours
Electives in Theatre	3 hours

Limitations

Theatre 315 (Independent Study), 330-341 (Practicums) and 388 (Internship) cannot be counted in the minor.

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: 12 hours, to be arranged. *3 sem. hrs.* (FSVP)

201 Production I: Stagecraft. Technical aspects of scenery; theory and practical applications. Laboratory hours required. *3 sem. hrs.* (FSVP)

202 Production II: 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.*

204 Production Management. Principles of stage management, equipment operation (sound and light), and property supervision. Practical application stressing efficient production. Laboratory hours required. *3 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.*

212 Basics of Acting. Work on the actor's self, 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 Theater. 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 Theater. Examination of modern 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 201 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 201 or permission of instructor. *3 sem. hrs.* (FSVP)

308 Basics of Directing. Principles and techniques of directing the realistic modern play. Case studies; scene

work. One-act play prepared for production by each student. Laboratory assignments with major productions. *Prerequisite:* Theatre 115, 212, or 325. *3 sem. hrs.*

309 Theatre History. Survey of theatre history, primitive through modern. Accent on theatre practices established long ago but still present. Great plays (via performances on tape and film); performance sites, players, and theatre practitioners (slides and film strips). *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: Advanced Acting, Advanced Costume, Advanced Directing, Advanced Makeup, Improvisation. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

315 Independent Study. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.* Restriction: Does not count for theatre major or minor.

325 Script Analysis. Systematic approach to understanding and realizing full theatrical implications of playscript. Script study as if in preparation for mounting production. Laboratory hours required. *3 sem. hrs.* (FSLT)

Practicum:

330 Stage Management .5-1-1.5-2-3 sem. hrs.

331 Theatre Administration .5-1-1.5-2-3 sem. hrs.

332 Costume .5-1.5-2-3 sem. hrs.

333 Lighting .5-1-1.5-2-3 sem. hrs.

334 Direction .5-1.5-2-3 sem. hrs.

335 Scenic Design 1-2-3 sem. hrs.

336 Choreography 1-2-3 sem. hrs.

337 Acting 1-2-3 sem. hrs.

338 Technical Theatre .5-1-2-3 sem. hrs.

339 Makeup .5-1 sem. hr.

340 Theatre Dance .5-1-2 sem. hrs.

341 Theatre Orchestra 1.5-3 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 Speech Communication, Theatre and Dance major or minor.

388 Individual Internship. Practical application of theatre principles and skills in a supervised, out-of-class environment. Graded pass/fail only. *Prerequisites:* Majors only. Faculty approval before beginning work. *1-3 sem. hrs.* *Restriction:* Does not count for theatre major or minor.

Sport Science (SPSC)

(See Health and Sport Science)

Urban Studies

Henry H. Stewart, Jr., Coordinator (Sociology)

The Urban Studies Major

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

Thirty-six semester hours selected from the courses listed below distributed as follows:

Economics 201-202 and one 300-level economics course from list below	9 hours
Mathematics 119 or 129	3 hours
Political Science 220, either 300, 306, 307 or 324, and one other 300-level political science course from list below	9 hours
Sociology 101, 301 and one 300-level sociology course from list below	9 hours
Political Science 390 or Sociology 326 or 327 followed by Political Science 388 or Sociology 388	6 hours

The following list includes required courses as well as other courses supportive of the major. Each course is described in the respective departmental listing.

Economics (ECON)

101-102 Principles of Economics
377 Labor Economics
381 Public Finance
387 Selected Economic Topics

Finance (FIN)

360 Principles of Financial Management
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Computer Science (CMSC)

221 Fundamentals of Computing I

Mathematics (MATH)

- 119 Social Science Statistics
OR
- 129 Applications of Statistics

Political Science (PLSC)

- 220 Introduction to American Government
- 300 Bureaucracy and Public Policy
- 303 Metropolitan Problems and Politics
- 307 Public Management
- 324 The Politics of Social Welfare
- 371 Introduction to Political Research and Analysis
- 380 Independent Study

Sociology (SOC)

- 101 Introduction to Sociology
- 210 Fundamentals of Sociological Research
- 301 The City
- 315 Population
- 323 The Black Community in Urban America
- 326, 327 Independent Study
- 388 Individual Internship

Women's Studies (WMST)

Elisabeth Gruner, Coordinator (English)

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

Thirty semester hours, including Women's Studies/Sociology 220 (Introduction to Women's Studies: the Sociology of Women), Women's Studies 221 (Introduction to Feminist Theories), and 24 additional hours to be distributed as follows:

- 6 hours from cross-listed course in the humanities/arts (e.g., Art, Classical Studies, English, History, Modern Foreign Languages & Literatures, Music, Philosophy, Religion)
- 3 hours from cross-listed courses in social sciences (e.g., Anthropology, Economics, Political Science, Psychology, Sociology)

3 hours from cross-listed courses in the natural sciences or health and sport science (e.g., Biology, Chemistry, Health and Sport Science, Physics)

12 hours of additional cross-listed courses (electives)

In addition, at least 18 of the above hours must be taken above the 200-level, and no more than six hours of internship credit may be counted toward the major.

The Women's Studies Minor

Eighteen semester hours, including Women's Studies/Sociology 220 (Introduction to Women's Studies: the Sociology of Women), Women's Studies 221 (Introduction to Feminist Theories), and 12 additional hours, from at least three departments, including no more than three hours of internship credit.

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 Introduction to Feminist Theories. Overview of historical and contemporary feminist thought. Looks at theories central to the development of a variety of theoretical positions, including but not limited to liberal feminism, cultural feminism, Freudian feminism, materialist feminism, existentialist feminism, radical feminism, French feminism, and multicultural feminism. Will also incorporate appraisals and critiques of these positions from within feminist thought. *3 sem. hrs.*

301 Special Topics. Varying issues of current relevance and importance to Women's Studies. May be repeated for credit if topics differ. *1-3 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.*

388 Individual Internship. *Prerequisite:* Permission of department. 3-6 sem. hrs.

398 Independent Study. Pass/fail grading may be designated by department for certain enrollments. *Prerequisite:* Permission of department. 1-3 sem. hrs.

See the departmental listings for descriptions of the following courses offered for Women's Studies credit. Courses marked with an asterisk (*) are special topics courses or courses whose content changes frequently; these 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 current 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

Classics (CLSC)

304 The Feminine in Greco-Roman Literature

308 Women, Children, Blacks and Slaves

Economics (ECON)

378 Women and Gender Issues in Economics

English (ENGL)

*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

*235 Narratives of Personal Development

*236 On the Road: Literature of Quest & Pilgrimage

360 Women and Creativity

*419 Topics in Genre: Women and Drama

*423 Topics in Literary Perspective: Contemporary Black Women Writers

*431 Topics in American Literature after 1900: Edith Wharton

*452 Topics in Literary Theory: Feminist Literary Theory

466 Black Women Writers

French (FREN)

452 Desire and Representation in the Nineteenth-Century French Novel

German (GERM)

471 Gender and Performance in Twentieth-Century Literature and Film

472 Multiculturalism, Identity and Authorship in German Context

Health and Sport Science (HSS)

232 Eating Behavior and Health

330 Human Sexuality

338 Issues in Women's Health

History (HIST)

220 American Women from the Colonial Period to the Present

378 Women and Gender in Latin American History

387 Women and Gender in Africa

Leadership (LDSP)

*390 Selected Topics: Leadership and the Women's Movement

Philosophy (PHIL)

258 Introduction to Feminist Philosophy

358 Feminist Philosophy

Political Science (PLSC)

321 Women and Power in American Politics

*379 Selected Topics: Leadership and the Women's Movement

Psychology (PSYC)

215 Human Diversity

230 Psychology of Women

*449 Advanced Seminar: Psychology of Gender

Religion (RELG)

360 Goddess Traditions Ancient and Modern

*394 Selected Topics: Women, Gender, Sexuality and World Religions

Sociology (SOC)

220 Sociology of Women

319 Sociology of Sex and Gender

Spanish (SPAN)

475 Women and Writing in Latin America

ACADEMIC PROGRAMS



THE E. CLAIBORNE ROBINS SCHOOL OF BUSINESS

Mission

The mission of The E. Claiborne Robins School of Business is to provide business and economics education that meets the highest national standards at the undergraduate level and addresses regional needs at the graduate level. Teaching, intellectual contributions, and service are the components of our mission and are stressed in the following order:

Teaching

Our faculty is highly aware and sensitive to the diverse educational needs of our students and is continuously engaged in improving its teaching skills and content.

- ~ The faculty engages in activities that enhance the communication of knowledge and is actively involved in creating new instructional materials and presentation methodologies.
- ~ Given the liberal arts focus of the University, the School is pursuing interdisciplinary opportunities with other schools or departments of the University, and with external constituencies in order to develop our students into capable leaders and effective citizens.
- ~ Our faculty is actively involved in educating leaders who can contribute to business in a continuously changing global environment.
- Our programs are targeted to students at respective stages in the development of their careers.

Intellectual Contributions

Discipline-oriented work that provides significant insights into business and economic

theories, analysis, practices and policy, as well as interdisciplinary inquiry, are both valuable and consistent with our mission.

- ~ The faculty is encouraged to engage in interdisciplinary inquiry, drawing from the various disciplines of the University.
- ~ Scholarly work that is innovative and provides significant contribution to instruction in the various disciplines is encouraged.

Service

The faculty of the School of Business is encouraged to play an active role in interacting with the various professional, University, and community constituencies in order to provide students and faculty opportunities to apply the knowledge acquired to real-world situations.

- ~ Business and government leaders and alumni are frequently called upon to add relevance to our mission.
- ~ We actively encourage professional relationships between departments, with other schools in the University, and with other universities and professional organizations.
- ~ The faculty is encouraged to share knowledge with the business community through work assignments, seminars, internships, research, and to become involved in community service organizations.
- ~ The faculty of The E. Claiborne Robins School of Business also is encouraged to actively engage in activities that will shape the future of the School and the University.

CURRICULUM REQUIREMENTS

The School of Business offers the degree of Bachelor of Science in Business Administration and a minor in Business Administration. In addition to satisfying the general degree requirements for graduation, candidates for a business degree must complete the curricular requirements outlined in the sections which follow and maintain at least a 2.00 grade point average on all School of Business course work. Other degree requirements include: (1) the completion of an approved student managed personal portfolio (guidelines available from Dean's Office) containing examples of student work in the business school and (2) successful completion of two courses which emphasize speech and presentation skills. (The designation in the Business School is SPS. Courses may be available in Liberal Arts under a different designation.)

General Education Requirements

I. Proficiency and Basic Knowledge Requirements

Courses used to satisfy the First-Year Core Course, the Communication Skills, and the Health and Physical Activity 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, and the Communication Skills and the Health and Physical Activity 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), or completing English 103 with a grade of *C* (2.0) or higher, or presenting a score of 5 or 4 on either Advanced Placement test in English
- (2) Presenting a score on the CEEB English Achievement Test or the SAT-II Subject Test 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 an ancient language by meeting one of the following alternatives:

- (1) Passing the intermediate (122 or 202) level of one language, or presenting a score of 5 or 4 on a Modern Foreign Language or Latin Advanced Placement test
- (2) Presenting a score on the CEEB Language Achievement Test or 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

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

D. Health and Physical Activity

A student may satisfy this degree requirement degree by passing Health and Sport Science 150, Dimensions of Wellness, and satisfactorily completing one non-academic sport science activity, excluding Intercollegiate Activity courses.

E. 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 Curriculum Committee and the Faculty of Arts and Sciences as meeting these requirements.

Courses meeting general education requirements are designated in this catalog following the course description, as well as in the Schedule of Classes.

Summary of General Education Requirements

First-Year:

Core Course 6 credits

Communication Skills:

Expository Writing 3 credits

Foreign Language up to 12 credits^a

Oral Communication 3 credits^b

Health and Physical Activity:

Dimensions of Wellness 2 credits

Activity class non-credit

Fields of Study:

Historical Studies 3 credits

Literary Studies 3 credits

Natural Science 8 credits

Social Analysis 3 credits

Symbolic Reasoning 3 credits

Visual and Performing Arts 3 credits

Total: up to 46 credits

^aVariable credits; may be satisfied by a demonstration of proficiency upon entrance to the University.

^bIncorporated into Core Course and as described above

II. 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

203 Software Tools and Applications

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 Quantitative Analysis for Business and Economics (must be completed during junior year)

391 Essentials of Information Technology (not required of accounting majors)

392 Ethical, Social and Legal Responsibilities of Business

397 Business Policy and Strategy

V. Major Fields

A student must complete a major field in addition to the core courses.

The Accounting Major

Required Accounting courses:

301-302 Intermediate Financial Accounting I, II

305 Cost and Managerial Accounting

307 Accounting Information Systems

312 Tax Accounting

317 Auditing

Electives: 21 hours of which three hours must be a capstone course in accounting as defined by the department, three hours must be in Economics and three hours in leadership studies or liberal arts. Economics 274 cannot be taken for elective credit.

Requirement: Of the total hours required for the degree, 90 must be in courses outside of the accounting discipline.

Achievement: The grade point average of the accounting coursework comprising the major must be no less than 2.00.

Substitutions in the accounting major are permitted if approved by the chair of the Department of Accounting.

The Business Administration Major

Concentration area:

12 hours minimum chosen from a single Business School department except the Department of Accounting. A maximum of 15 hours can be taken in any area of concentration. No more than six hours of the concentration may be required by a department.

Electives: 24 hours of which three hours must be in Economics and three hours in leadership studies or liberal arts. Economics 274 cannot be taken for elective credit.

The Business Administration Minor

Requirements:

Completion of Economics 101-102 and 18 semester hours in business school coursework, including:

Accounting (ACCT)

201 Fundamentals of Financial Accounting

Marketing (MKT)

320 Marketing Management

Management Systems (MSYS)

330 Organizational Behavior

340 Operations Management

Finance (FIN)

360 Principles of Financial Management

Electives: Three hours of 300-level or above business school coursework (excluding Business Administration 397) are required for the completion of the business minor. Completion of Accounting 202 will fulfill this elective requirement.

The Business Minor student should complete the Accounting 201 and Economics 101-102 requirements prior to enrolling in any other business administration course.

The International Business Concentration

Requirements:

- (1) All students concentrating in international business must also concentrate or major in another business field.
- (2) One course from the international business concentration taken in another department may also be used toward the other department's business/economics concentration (or major) if applicable.
- (3) Credit for coursework taken at an approved foreign university may be transferred back to the University of Richmond to satisfy international business concentration requirements, business electives or arts and science electives. All such coursework must be approved by the Director of International Business prior to commencing study.
- (4) All students will be required to take a one-hour course: International Business 381, International Business Environment.
- (5) Students must take nine semester hours (three courses) from the following with no more than one course from Economics 375, 379 and 380.

Accounting (ACCT)

315 International Accounting Issues

Marketing (MKT)

325 Global Marketing

Finance (FIN)

362 International Financial Management

Management Systems (MSYS)

333 International Management

Economics (ECON)

375 International Trade and Finance

- 379 Economic Development in Asia, Africa and Latin America
- 380 Comparative Economic Systems

- (6) Students will be required to take a 3-hour senior seminar course: International Business 390, Seminar in Selected International Business topics or, with prior approval from both the International Business Director and the Director of International Studies, an International Studies senior seminar course.

COURSES OF INSTRUCTION

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. However, certain two-semester courses have a note in the description stating that both semesters of the course must be taken to receive credit toward graduation for either.

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.

General Prerequisites: Except by permission of the Dean, Accounting 201-202, Economics 101-102 and BUAD 203 are prerequisites to all other courses in the School of Business. The business minor program requires a student to complete Accounting 201 and Economics 101-102 prior to taking any other business class.

Accounting (ACCT)

Phillip A. Jones, Sr., Chair

Professor Jones

Associate Professors Hoyle, Lawrence, Sanborn,

Schweikart, Slaughter,

Assistant Professors Bettenhausen, Clikeman, Walden

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 Tax Accounting. Federal income tax law and related management and accounting problems. *3 sem. hrs.*

313 Advanced Tax Accounting. Federal income taxation of business organizations - corporations, partnerships, and S-corporations. Topics include definition of taxable income, formation, distributions, reorganizations, liquidations, and introduction to estate, gift, and trust taxation. *Prerequisite:* Accounting 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. *1 sem. hr. or 3 sem. hrs.* with directed theses.

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 work-paper preparation. *Prerequisite:* Accounting 317. 3 sem. hrs.

319 Financial Accounting Theory and Issues. Contemporary accounting theory, issues, and developments within 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.

Economics (ECON)

Robert W. Cook, *Chair*

Professors Dolan, Edwards

Associate Professors Cook, Dean, Nicholson, Raines,

Schmidt, Whitaker, Wight

Assistant Professors Craft, McGoldrick, Schuhmann

Note: Economics 274 cannot be used in a Business Economics concentration area.

101-102 Principles of Economics. Microeconomics (101) Provides students with the analytical perspective to think critically about the market system and the social objectives it may serve. Topics include supply and demand, market structure, production, market failure (e.g., pollution), and the benefits and costs of government intervention. Macroeconomics (102) is the study of national income determination within a global economy. Topics include inflation, unemployment, money supply, balance of payments, currency markets, and the role of fiscal and monetary policies. **Note:** Both Economics 101 and 102 must be taken to receive credit towards graduation for either. *Prerequisite:* Economics 101 is prerequisite for 102. 3-3 sem. hrs. (101 only, FSSA)

Prerequisite: Economics 101-102 is prerequisite to the following economics courses.

272 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. 3 sem. hrs.

273 Macroeconomic Theory. Theory of national income determination with emphasis on Keynesian and New Classical models. Development of monetary and fiscal policy issues. 3 sem. hrs.

274 Symbolic Reasoning for Economists. Introduction to basic statistical methods most frequently encountered in economic analysis. Topics include descriptive statistics, probability theory, functions of one or more random variables, sampling theory, statistical inference, and simple linear regression. Prior knowledge of statistics not required. (Cannot be used in Business School concentration area.) 3 sem. hrs. (FSSR)

301 Quantitative Analysis for Business and Economics. (See Business Administration 301). 3 sem. hrs.

370 Managerial Economics. Fundamental, theoretical, analytical tools of economics as applied to decision making; illustrations from empirical studies and cases. 3 sem. hrs.

371 Money, Banking, and Public Policy. 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.

375 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.

376 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; collision; product differentiation; mergers; advertising; efficiency; price discrimination; etc. In addition, anti-trust policies will be reviewed as they pertain to these issues. 3 sem. hrs.

377 Labor Economics. Economic analysis of labor markets including wage determination, labor supply, and investment in human capital. Policy issues include labor unions, discrimination, and analysis of government programs affecting labor markets. 3 sem. hrs.

378 Women and Gender Issues in Economics. Designed to point out differences in economic circumstances of men and women. Topic discussions include child care, occupations, earnings, and poverty. Different theoretical explanations for differences presented and students evaluate rationale for each theory. 3 sem. hrs.

379 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.*

380 Comparative Economic Systems. Comparative analysis of economic systems operating in the 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.*

381 Public Finance. Expenditures, revenues, and debt management with emphasis on the federal government. *3 sem. hrs.*

382 History of Economic Thought. Survey of development of economic analysis with emphasis on contributions from Adam Smith through J. M. Keynes. *3 sem. hrs.*

383 Econometrics. Basic concepts in matrix algebra and statistical inference; classical linear regression model; problems of estimation in linear regression; applications to macro and microeconomics; simultaneous equation systems. *Prerequisite:* Economics 274 or equivalent statistics course. *3 sem. hrs.*

384 Mathematical Economics. Examines various economic concepts by means of mathematical analysis. *3 sem. hrs.*

385 Economic Theory and Public Policy. Examines current public policy issues from perspective of economic theory. Intent is to develop separate role of economic analysis in policy deliberations, while emphasizing institutional and normative considerations that ultimately influence substance of economic policies. Topics include federal tax policy; managing federal budget deficit; trade policy; and health care. *Prerequisite:* Economics 272-273 or permission of instructor. *3 sem. hrs.*

387 Selected Economic Topics. Major areas in economics, application of economic principles, and analysis of policy issues. *3 sem. hrs.*

388 Economics Internship. Pass/fail only. *3 sem. hrs.*

398-399 Honors in Economics. Honors seminar and independent research project. *Prerequisite:* Departmental invitation. *3-3 sem. hrs.*

Finance (FIN)

Robert W. Phillips, *Chair*

Professors Phillips, Stevens

Associate Professors Earl, Lancaster

Assistant Professor Charlton

Note: Finance 361 is required in the Finance concentration area. Also, students planning to enroll in Finance 368 should complete Finance 366 during their junior year.

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.

361 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. *3 sem. hrs.*

362 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. *3 sem hrs.*

363 Risk Management and Insurance. Risk management, principles and theory of insurance, personal and business needs served by insurance. *3 sem. hrs.*

365 Internship in Finance. This course is designed to enhance student skills in critical thinking and financial analysis by providing formal supervision and coordination of a student internship experience. Weekly seminars are held to aid students in combining their internship projects with formal written and oral assignments. Students must receive approval from the instructor or Finance Chair prior to enrollment. Finance 365 substitutes for BUAD 388 in the BSBA curriculum and does **not** count toward the hours required for a Finance concentration. Finance 365 is **not** offered for pass/fail credit. *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.*

367 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. *3 sem. hrs.*

368 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 367. *Prerequisites:* Finance 366 and permission of department. *3 sem. hrs.*

369 Selected Topics in Finance. Topics depend on the mutual interests of instructor and students. Intended primarily as an elective for finance and business administration students. *Prerequisite:* Permission of instructor. *3 sem. hrs.*

International Business (IBUS)

381 International Business Environment. Introduction to broad field of international business, and investigation of the various forces (e.g., demographic and geographic factors; and economic, cultural, political and legal environments) which impact on conduct of business in other countries. *Prerequisite:* Junior standing in International Business concentration, or special permission of instructor. Offered only on pass/fail basis. *1 sem. hr.*

390 Seminar in Selected International Business Topics. Senior-level seminar for students in International Business concentration. Students conduct and present findings of their research related to central broad topic of term (e.g., "competing with Japanese business globally"). Specific topics vary from term to term. *Prerequisite:* Senior standing in International Business concentration, or special permission of instructor. *3 sem. hrs.*

Management Systems (MSYS)

Lewis A. Litteral, *Chair*

Professors Ashworth, Goodwin, Rose
Associate Professors Giacalone, Litteral
Assistant Professors Beard, Brown, Eylon, Gray

330 Organizational Behavior. Behavioral science concepts and their application to analysis of individual and group behavior in 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.*

Prerequisite: Management Systems 340 is prerequisite to the following management systems courses.

341 Problems in Management. Case-oriented study of application of managerial functions to analysis and solution of problems in business organizations. *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.*

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.*

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)

Harold W. Babb, *Chair*

Professors Babb, Cosse, Giese
Associate Professor Weisenberger
Assistant Professor Lascu

Note: Marketing 321 is required in the Marketing concentration area. Also as part of the requirements for the marketing concentration, each student will be directed in de-

veloping a personal portfolio which will depict learned skills and competencies.

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 environment, 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.

321 Problems in Marketing. Application of marketing concepts to analysis and formulation of marketing programs using case studies. *3 sem. hrs.*

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.*

323 Advertising. Managerially-oriented course which focuses primarily on role of media in advertising plan. Consideration of underlying social, ethical, economic, and legal issues in advertising. *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. *3 sem. hrs.*

325 Global 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 effect of international trade on U.S. market. *3 sem. hrs.*

326 Marketing Research. Concepts, methodology, and techniques. Research design and statistical analysis. Validity and reliability of research information. *Prerequisite:* Business Administration 201. *3 sem. hrs.*

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.*

328 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. *Prerequisite:* Recommendation by faculty member and permission of instructor. *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.*

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.

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. Theory, methodology, and applications of statistics to contemporary business problems. Includes Bernoulli and Poisson processes, sampling distributions, statistical inference, analysis of variance, regression, and correlation. *3 sem. hrs.*

203 Software Tools and Applications. A laboratory course that provides an introduction to software packages with applications for business decision making. The emphasis is on understanding spreadsheet applications, but includes sessions on a statistical package, database search and management, and graphics software. *1 sem. hr.*

301 Quantitative Analysis for Business and Economics. Mathematical and statistical techniques and their applications to business decisions. Exposure to variety of useful quantitative techniques commonly used in various business disciplines. *Prerequisites:* Economics 101-102 and Business Administration 201 or Economics 274. *3 sem. hrs.*

388 Individual Internship. Supervised academic internship. Experiential education taken in the junior and senior years only. Graded Pass/Fail. *3 sem. hrs.*

389 Directed Independent Study. Specialized study or directed research in area of business or economics. *Prerequisite:* Permission of supervisor instructor. *3 sem. hrs.*

391 Essentials of Information Technology. Introduction to how computerized information technology supports today's businesses and various functional areas of business. This includes telecommunications, IT development approaches, management of technological changes, and ethical responsibilities of information management. Some use of microcomputers 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 the business world are discussed and analyzed from a philosophical, historical, legal, and behavioral approach. Current ethical and legal cases serve to highlight the changing value choices and resulting consequences, as well as the 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.*

397 Business Policy and Strategy. 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 41-42.



ACADEMIC PROGRAMS



JEPSON SCHOOL OF LEADERSHIP STUDIES

CURRICULUM REQUIREMENTS

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, earn a grade point average of not less than 2.00 on a minimum of 60 semester hours of approved courses taken while enrolled in the School of Leadership Studies, and meet the general degree requirements previously stated under “Graduation” in the chapter Academic Procedures.

General Education Requirements

I. Proficiency and Basic Knowledge Requirements

Courses used to satisfy the First-Year Core Course, the Communication Skills, and the Health and Physical Activity 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, and the Communication Skills and the Health and Physical Activity requirements are normally met in the first year of university study, and should not be postponed beyond the second year.

*Subject area refers to coursework listed under a single specified rubric as published periodically in the *Schedule of Classes* by the Office of the University Registrar.

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,) or completing English 103 with a grade of *C* (2.0) or higher, or presenting a score of 5 or 4 on either Advanced Placement test in English
- (2) Presenting a score on the CEEB English Achievement Test or the SAT-II Subject Test 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 an ancient language by meeting one of the following alternatives:

- (1) Passing the intermediate (122 or 202) level of one language, or presenting a score of 5 or 4 on a Modern Foreign Language or Latin Advanced Placement test

- (2) Presenting a score on the CEEB Language Achievement Test or 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
- Only alternative (1) carries semester hours credit toward a degree.

D. Health and Physical Activity

A student may satisfy this degree requirement by passing Health and Sport Science 150, Dimensions of Wellness, and satisfactorily completing one non-academic sport science activity, excluding Intercollegiate Activity courses.

E. 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 Curriculum Committee and the Faculty of Arts and Sciences as meeting these requirements.

Courses meeting general education requirements are designated in this catalog following the course description, as well as in the Schedule of Classes.

Summary of General Education Requirements

First-Year:

Core Course 6 credits

Communication Skills:

Expository Writing 3 credits

Foreign Language up to 12 credits^a

Oral Communication 3 credits^b

Health and Physical Activity:

Dimensions of Wellness 2 credits

Activity class non-credit

Fields of Study:

Historical Studies 3 credits

Literary Studies 3 credits

Natural Science 8 credits

Social Analysis 3 credits
(in addition to Economics 201)

Symbolic Reasoning 3 credits

Visual and Performing Arts 3 credits

Total: up to 46 credits

^aVariable credits; may be satisfied by a demonstration of proficiency upon entrance to the University.

^bIncorporated into Core Course and as described above.

II. 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 start of the third year or before taking any other leadership studies course. A grade point average of *C+* (2.30) is required in all coursework comprising the major, with no course grade below a *C-* (1.7).

The leadership studies major consists of 37 semester hours of coursework including the following:

A. Core courses 12 hrs.
300, 301, 350, 351 (all required)

B. Competencies 6 hrs.
352, 353, 354, 355, 356,
357, 358 (choose two)

C. Contexts 6 hrs.
302, 303, 304, 305, 306, 307
(choose two)

D. Integrative/Experiential 10 hrs.
370, 488, 498 (all required)

E. Leadership Studies Elective 3 hrs.
(choose one from B or C above
or LDSP 390, 392, or 491)

Students who major in leadership studies must also satisfactorily complete a minor in another field in either the School of Arts and Sciences or The E. Claiborne Robins School of Business.

The Leadership Studies Minor

The leadership studies minor program is offered to any student at the University on a first come, first served basis. The minor consists of 21 semester hours in leadership studies as noted below. Leadership Studies 201 serves as a prerequisite to all leadership studies courses and must be completed before the spring semester of the student's third year.

Students wishing to pursue the minor should complete a "Declaration of Interschool Minor," have the form approved by the Associate Dean of the Jepson School, and return it to the Office of the University Registrar prior to the spring semester of the student's third year.

- | | | |
|----|--|--------|
| A. | Prerequisite: 201 | 3 hrs. |
| B. | Core Courses
Two selected from 300, 301,
350, 351 | 6 hrs. |
| C. | Context Course
One selected from 302,
303, 304, 305, 306, 307 | 3 hrs. |
| D. | Competency Course
One selected from 352,
353, 354, 355, 356, 357, 358 | 3 hrs. |
| E. | Leadership Studies Electives
Two selected from B, C, or
D above or LDSP 390 or 392 | 6 hrs. |

COURSES OF INSTRUCTION

Leadership Studies (LDSP)

John W. Rosenblum, *Dean*

Professors Couto, Hickman, Jablin
Associate Professors Ciulla, Wren
Assistant Professors Howe, Swatez

INTRODUCTORY

201 Foundations of Leadership Studies. General introduction to and analysis of historical and current theories of leadership. Study of leadership as a social process involving the interaction of leaders and followers in different contexts; examination of critical thinking, ethics, and methods of inquiry as they pertain to the process and study of leadership; a 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.

CORE

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. *3 sem. hrs.*

301 Critical Thinking and Methods of Inquiry. Examination of knowledge and research as they pertain to leadership. Analysis of scientific methodology and logic, language and interpretation, and their influence on study and practice of leadership. *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. *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.*

COMPETENCIES

352 Decision Making for Leaders. Description and analysis of decision-making theories, models and techniques. Creative problem solving, assessment of types and sources of information, group versus individual decision making, effects of values on leaders' decisions. *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. *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.*

355 Leading Individuals. Study of individual differences in moral, cognitive, and social development with particular emphasis on young adulthood. Effects of individual differences such as gender, race, ethnicity on leaders and followers. Examination of attitudes, values, and beliefs as variables in leadership development. *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. *3 sem. hrs.*

CONTEXTS

302 Leadership in Organizations. Focus on leadership theory and research within and across formal organization settings such as public/private, profit/non-profit, professional/non-professional, and unitary/multidivisional. Examination of rational, natural and open systems and how leadership differs in each system. *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 system 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 non-profit 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. *3 sem. hrs.*

SELECTED ISSUES IN LEADERSHIP STUDIES

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 Historical Perspectives in Leadership, Sports Leadership, and Literature and Leadership. *3 sem. hrs.*

392 Leadership Study Abroad. Focus on leadership issues in global environment while traveling abroad. Examples include examination of role of national and international leaders in policy processes of European Commission. *3 sem. hrs.*

491 Independent Study. Special projects pursued individually under supervision of faculty member. *Prerequisite:* Permission of school. *3 sem. hrs.*

INTEGRATIVE/EXPERIENTIAL

The following courses are restricted to leadership studies majors only.

370 Service Learning. Exploration of leadership as service to society in variety of community service settings. Relating theories and principles of leadership to practice through concrete, specific tasks representing service to population in need. Accompanied by weekly seminar. *1 sem. hr.*

488 Internship: Practicum. Applied experience in field of leadership studies. Observations of leaders in governmental, corporate, or non-profit settings. Graded pass/fail only. *Corequisite:* Internship Seminar. *3 sem. hrs.*

488 Internship: Seminar. Weekly seminar which accompanies Internship Practicum. *Corequisite:* Internship Practicum. *3 sem. hrs.*

498 Senior Project. Special project designed by student to address particular leadership issue. Weekly seminar explores integration of theory and practice of leadership. Capstone experience for majors. *3 sem. hrs.*

**Students interested in earning more than one undergraduate degree should refer to "The Second Undergraduate Degree" on pages 41-42.



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(1999), Wycombe, Pa.
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Richmond, Va.*
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Warsaw, Va.*
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Richmond, Va.*
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F. Carlyle Tiller, D.C.S. *(1999), Palm City, Fl.*
C. Porter Vaughan, Jr., D.C.S. *(1999),
Richmond, Va.*
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E. Carlton Wilton, *(1998), Richmond, Va.*

[†] Term expires June 30 of year listed

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Robert L. King, *Director of International Business Studies and Internships*

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)
- Addiss, Stephen**, *Professor of Art, Tucker-Boatwright Professor in the Humanities*; 1992
M.A. (Harvard University), M.A., Ph.D. (University of Michigan)
- Allen, Nancy H.**, *Director of Costuming*; 1989
B.F.A., M.F.A. (Virginia Commonwealth University)
- Allison, Scott T.**, *Associate Professor of Psychology*; 1987
B.A. (University of California at San Diego), Ph.D. (University of California at Santa Barbara)
- Anderson, Gene H.**, *Associate Professor of Music and Director of Band*; 1982
B.A. (Luther College), M.A., Ph.D. (University of Iowa)
- Bak, Joan L.**, *Associate Professor of History*; 1978
B.A. (Stanford University), M.Phil., Ph.D. (Yale University)
- Barnett, B. Lewis, III**, *Associate Professor of Computer Science*; 1990
B.S. (Furman University), M.S.C.S., Ph.D. (University of Texas)
- Baroody, Barbara A.**, *Director of the Intensive Language Program in French*; 1981
B.A. (The College of William and Mary), M.A. (University of Richmond)
- Barza, Steven L.**, *Associate Professor of English*; 1978
B.A. (Cornell University), M.F.A., Ph.D. (University of Iowa)
- Becker, Richard**, *Associate Professor of Music*; 1975
B.M. (University of Rochester), M.M. (Boston University)
- Bell, Robert H.**, *Assistant Professor of Chemistry*; 1961
B.S. (Virginia Polytechnic Institute), B.S. Pharm., Graduate Study (Medical College of Virginia)
- Bergren, Theodore A.**, *Assistant Professor of Religion*; 1991
A.B. (Princeton University), M.T.S. (Harvard University Divinity School),
Ph.D. (University of Pennsylvania)
- Berry, Jane M.**, *Assistant Professor of Psychology*; 1991
B.A., M.A., Ph.D. (Washington University)
- Bishop, John W.**, *Professor of Biology*; 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., Ph.D. (State University of New York at Binghamton)
- Blick, Kenneth A.**, *Professor of Psychology*; 1967
B.A., M.A. (University of Richmond), Ph.D. (Tulane University)
- Bogle, Emory C.**, *Associate Professor of History*; 1967
B.A. (Dakota Wesleyan University), M.A., Ph.D. (University of Maryland)
- 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)
- Bowen, J. Van, Jr.**, *Professor of Mathematics, The Roger Francis and Mary Saunders
Richardson Professor in Mathematics*; 1968
B.S. (University of Richmond), M.S., Ph.D. (Virginia Polytechnic Institute)
- Bower, Kathrin M.**, *Assistant 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)
- Brown, Irby B.**, *Professor of English*; (1959), 1966
B.A. (University of Richmond), M.A., Ph.D. (University of Virginia)
- Brown, Mavis H.**, *Associate Professor of Education*; 1978
B.S., M.S. (Radford College), Ph.D. (Texas Woman's University)
- Bunting, Suzanne K.**, *Professor of Music*; 1961
B.A. (University of Richmond), M.M. (University of Michigan),
Student of Hans Vollenweider (Zurich) in organ
- Cable, Jennifer A.**, *Assistant Professor of Music*; 1993
B.M. (Oberlin College), M.M., D.M.A. (Eastman School of Music)
- Carapico, Sheila**, *Associate Professor of Political Science*; 1985
B.A. (Alfred University), M.A., Ph.D. (State University of New York at Binghamton)
- Caudill, Lester F., Jr.**, *Assistant Professor of Mathematics*; 1995
B.S., M.S., Ph.D., (Texas A&M University)
- Cavalcanti, H.B.**, *Assistant Professor of Sociology*; 1993
B.Th. (Seminário Teológico Batista do 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)
- 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)
- Cohen, Alfred S.**, *Associate Professor of Music*; 1986
B.A. (University of California at Santa Cruz), M.F.A., D.M.A. (Cornell University)
- Cook, Robert Winston, Jr.**, *Associate Professor of Economics*; 1980
B.A. (University of Richmond), Ph.D. (Virginia Polytechnic Institute)
- Cordero, María de Jesús**, *Instructor of Spanish*; 1995
B.A. (Loyola University of Chicago), M.A. (New York University)
- Crawford, Donna E.**, *Assistant Professor of English*; 1993
B.A. (University of Oregon), M.A. (University of Washington),
Ph.D. (University of California at Riverside)
- 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 Professorship in Religion and Ethics*; 1994
A.B. (Bowdoin College), Ph.D. (Princeton University)
- Davis, James A.**, *Associate Professor of 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)
- Dawson, Albert C.**, *Professor of Spanish*; 1966
B.A. (University of Richmond), M.A., Ph.D. (University of Wisconsin)
- Dawson, Laila M.**, *Director of the Intensive Language Program in Spanish*; 1984
B.A. (Wilson College), M.A. (University of Wisconsin)

- de Sá, Rafael O.**, *Assistant Professor of Biology*; 1992
Licenciado en Ciencias Biologicas (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**, *Assistant Professor of Art*; 1990
B.A. (George Washington University), M.A. (Tulane University),
Ph.D. (New York University-Institute of Fine Arts)
- Dickerson, Lynn C., II**, *Professor of English*; 1970
B.A. (University of Richmond), B.D., Th.M. (Southeastern Baptist Seminary),
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- 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),
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- 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 Professor*; 1966
B.A. (University of Richmond), B.D. (Southern Baptist Theological Seminary),
Ph.D. (Duke University)
- Edwards, N. Fayne**, *Professor of Economics*; 1968
B.S. (Virginia Polytechnic Institute), Ph.D. (University of Kentucky)
- Eicher, B. Keith**, *Professor of Education*; 1971
B.S., M.S. (Southern Illinois University), Ed.D. (Northern Illinois University)
- Essid, Joseph**, *Director of the Writing Center*; 1992
B.A. (University of Virginia), M.A., Ph.D. (Indiana University)
- Evans, David C.**, *Associate Dean, School of Arts and Sciences, and Professor of History*; 1973
B.A., M.A., Ph.D. (Stanford University)
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B.A. (University of Mississippi), M.A. (Boston College), Ph.D. (University of Virginia)
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B.A. (Mount St. Agnes College), M.S. (The Catholic University of America)
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M.A. (Universidad Nacional de Buenos Aires), Ph.D. (Arizona State University)
- Fortenberry, Patrick C.**, *Assistant Professor of Military Science*; 1994
B.S. (Delta State University), M.S. (Jackson State University), Captain (United States Army)
- Gabara, Uliana F.**, *Director of International Education*; 1983
B.A. (Bennington College), M.A. (University of Warsaw), Ph.D. (University of Virginia)
- Gilfoyle, Gerard P.**, *Associate Professor of Physics*; 1987
A.B. (Franklin and Marshall College), Ph.D. (University of Pennsylvania)
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B.A. (Brigham Young University), M.A., Ph.D. (University of North Carolina)
- Goldman, Emma W.**, *Associate Professor of Chemistry*; 1984
B.A., M.A. (Vassar College), Ph.D. (Massachusetts Institute of Technology)
- Goodner, Bradley W.**, *Assistant Professor of Biology*; 1994
B.S. (Texas A&M University), Ph.D. (Purdue University)
- Gordon, John L., Jr.**, *Professor of History*; 1967
A.B. (Western Kentucky University), M.A., Ph.D. (Vanderbilt University)
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- Griffin, Barbara J.**, *Director, Graduate School of Arts and Sciences, Associate Dean, School of Arts and Sciences, and Professor of English*; 1970
B.A. (Wichita State University), M.A. (Wayne State University), Ph.D. (Indiana University)
- Gruner, Elisabeth R.**, *Assistant Professor of English*; 1993
A.B. (Brown University), M.A., Ph.D. (University of California at Los Angeles)
- Gunlicks, Arthur B.**, *Professor of Political Science*; (1968), 1980
B.A. (University of Denver), Ph.D. (Georgetown University), (University of Freiburg), (University of Gottingen)
- Hager, Barbara J.**, *Assistant Professor of Biology*; 1995
B.S., M.S. (State University of New York), Ph.D. (University of New Mexico)
- 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)
- Hammer, Warren L.**, *Aquatics Director and Instructor of Health and Sport Science*; 1982
B.S. (Lock Haven State College), M.S. (Kansas State University)
- Hayden, W. John**, *Professor of Biology, The D.A. Kuyk Professor of Biology*; 1980
B.A. (University of Connecticut), M.S., Ph.D. (University of Maryland)
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B.A. (Austin College), M.A., Ph.D. (Northwestern University)
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B.A. (Universidad de Sevilla), M.A. (University of Virginia)
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B.A. (Davidson College), M.B.A. (The College of William and Mary),
Lieutenant Colonel (United States Army)
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B.A. (University of Colorado at Boulder), M.A., Ph.D. (University of California at Irvine)
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- Hilliard, Raymond F.**, *Professor of English*; 1976
B.A. (University of Maryland), Ph.D. (University of Rochester)
- Hogan, Margaret A.**, *Swim Coach and Instructor of Health and Sport Science*; 1977
B.S., M.A. (University of Maryland)
- Hoke, Katherine W.**, *Associate Professor of Mathematics*; 1985
B.S. (College of Charleston), M.S., Ph.D. (University of North Carolina)
- 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)
- Howell, Yvonne**, *Assistant Professor of Russian*; 1991
B.A. (Dartmouth College), M.A., Ph.D. (University of Michigan)
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B.S. (University of Tennessee), M.S. (University of North Carolina at Chapel Hill),
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- Hubbard, John R.**, *Professor of Mathematics and Computer Science*; 1983
A.B. (University of Rochester), A.M., Ph.D. (University of Michigan),
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- Ivey, George N., Sr.** *Associate Director of Athletics and Associate Professor of Education*; (1976), 1982
B.Ed. (University of Omaha), B.S. (State University of New York at Albany),
M.S. (Troy State University), Ed.S., Ed.D. (The College of William and Mary), Graduate (United States Army Command and General Staff College), Graduate (Naval War College)

- James, Robison B.**, *Professor of Religion, The George and Sallie Cutchin Camp Professor of Bible and Solon B. Cousins Professor of Religion*; 1962
B.A. (University of Alabama), B.D. (Southern Baptist Theological Seminary), (University of Edinburgh), Ph.D. (Duke University)
- Johnson, Carol L.**, *Director of the Wellness Program*; 1995
B.A. (University of Kentucky), M.S. (Western Kentucky University)
- Johnson, Charles W., Jr.**, *Professor of Art*; 1967
B.M.Ed. (Westminster College), M.S.M. (Union Theological Seminary, New York City), Ph.D. (Ohio University)
- Jones, Suzanne W.**, *Associate Professor of English*; 1984
B.A., M.A. (The College of William and Mary), Ph.D. (University of Virginia)
- Jordan, E. Williamson**, *Associate Professor of Health and Sport Science*; 1966
B.A. (University of Richmond), M.Ed. (University of North Carolina)
- Kandeh, Jimmy D.A.**, *Assistant Professor of Political Science*; 1992
B.A. (University of Sierra Leone), M.A., Ph.D. (University of Wisconsin at Madison)
- Kasongo, Kapanga M.**, *Assistant 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)
- Kent, Joseph F., III**, *Professor of Computer Science*; 1973
B.A., M.A., M.C.S., Ph.D. (University of Virginia)
- Kenzer, Robert C.**, *Associate 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)
- 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, Clarence E. Denoon, Jr. Professor of Science*; 1993
B.S. (University of Kentucky), M.A. (Indiana University), Ph.D. (University of Michigan)
- 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)
- Larkin, Neil M.**, *Associate Professor of French*; 1970
B.A. (Trinity College), M.A., Ph.D. (The Johns Hopkins University)
- Lawrence, Dulce**, *Assistant Director of the Intensive Language Program in Spanish*; 1991
B.A., M.A. (University of Richmond)
- Leary, David E.**, *Dean, School of Arts and Sciences, and Professor of Psychology*; 1989
B.A. (San Luis Rey College), M.A. (San José State University), Ph.D. (University of Chicago)
- Lee, Sharon M.**, *Associate Professor of Sociology*; 1988
B.A. (University of Rochester), M.A., Ph.D. (Princeton University)
- Lewellen, Ted C.**, *Professor of Anthropology*; 1978
B.A. (Alaska Methodist University), M.A. (New York University), Ph.D. (University of Colorado, Boulder)
- 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)

- Major, R. Wayne**, *Professor of Physics*; 1966
B.S. (Denison University), M.S. (Iowa State University), Ph.D. (Virginia Polytechnic Institute)
- Marcone, Rose Marie**, *Professor of Spanish*; 1964
B.A. (Mary Washington College), Ph.D. (The Johns Hopkins University)
- Mateer, Richard A.**, *Dean of Richmond College and Associate Professor of Chemistry*; 1966
A.B. (Centre College), (University of Kentucky), Ph.D. (Tulane University)
- McGoldrick, KimMarie**, *Assistant Professor of Economics*; 1992
B.S. (State University of New York at Oswego),
M.A., Ph.D. (State University of New York at Binghamton)
- McGowan, Robert W.**, *Associate Professor of Health and Sport Science*; 1990
B.S., M.S. (Brigham Young University), Ph.D. (University of Utah)
- McMurtry, Josephine B.**, *Professor of English*; 1969
B.A. (Texas Woman's University), Ph.D. (Rice University)
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B.A. (Birmingham-Southern College), M.A., Ph.D. (Vanderbilt University)
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B.A. (University of Colorado), M.S. (Wright State University), Ph.D. (University of Georgia)
- 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. (The 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*; 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*; 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)
- Oberg, Charlotte H.**, *Associate Professor of English*; 1970
B.A., M.A. (University of Richmond), Ph.D. (University of Virginia)
- Obi, Joseph E., Jr.**, *Assistant Professor of Sociology*; 1992
B.Sc. (University of Ibadan), M.S. (University of Illinois at Urbana-Champaign),
M.A., Ph.D. (Brandeis University)
- Outland, John W.**, *Professor of Political Science*; 1969
B.A. (Whittier College), Ph.D. (Syracuse University)
- Palazzolo, Daniel J.**, *Associate Professor of Political Science*; 1989
B.A. (Trinity College), M.A. (University of Houston), 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)
- Patterson, Patricia M.**, *Assistant Professor of Political Science*; 1992
B.A. (Le Moyne College), M. Public Administration, M.A., Ph.D. (The American University)
- Perry, Katrina**, *Assistant Professor of French*; 1990
B.A. (University of California at Santa Cruz), M.A., Ph.D. (Cornell University)

- Pethica, James L.**, *Assistant Professor of English*; 1994
B.A., D.Phil. (Oxford University)
- Pierce, Edgar F., Jr.**, *Associate Professor of Health and Sport Science*; 1988
B.A. (University of Richmond), M.Ed., Ph.D. (University of Virginia)
- Radice, Gary P.**, *Associate Professor of Biology*; 1990
B.A. (Wittenberg University), Ph.D. (Yale University)
- Raines, J. Patrick**, *Associate Professor of Economics, The F. Carlyle Tiller Professor in Business*; 1982
B.A., M.A., Ph.D. (University of Alabama)
- Ravaux-Kirkpatrick, Françoise R.**, *Professor of French; The William Judson Gaines Professor in Modern Foreign Languages*; 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**, *Assistant Professor of Art*; 1987
B.F.A. (Murray State University), M.F.A. (Southern Illinois University)
- Riehl, Jeffrey, S.**, *Instructor of Music*; 1995
B.S. (Lebanon Valley College), M.M. (Westminster Choir College)
- Rilling, John R.**, *Professor of History*; 1959
B.A. (University of Minnesota), M.A., Ph.D. (Harvard University)
- Roellke, Christopher F.**, *Assistant Professor of Education*; 1995
B.A. (Wesleyan University), M.S., Ph.D. (Cornell University)
- Rohaly, Kathleen A.**, *Professor of Health and Sport Science*; 1971
B.S. (Lock Haven State College), M.S. (Pennsylvania State University), Ph.D. (The Ohio State University)
- Ross, William T.**, *Assistant Professor of Mathematics*; 1992
B.S. (Fordham University), M.S., Ph.D. (University of Virginia)
- Rubenstein, Ephraim I.**, *Associate Professor of Art*; 1987
A.B., M.F.A. (Columbia University)
- Rubin, Philip D.**, *Assistant Professor of Physics*; 1993
A.B. (University of Pennsylvania), M.A., M.S., Ph.D. (University of California at Los Angeles)
- Rudolf, Homer**, *Professor of Music*; 1976
B.A. (Jamestown College), M.A. (University of Southern California), Ph.D. (University of Illinois at Urbana-Champaign)
- Russell, Anthony P.**, *Assistant Professor of English*; 1992
B.A., M.Phil., Ph.D. (Yale University)
- Ryle, J. Martin**, *Professor of History*; 1964
A.B. (Furman University), M.A., Ph.D. (Emory University)
- Schauber, Nancy E.**, *Assistant Professor of Philosophy*; 1993
A.B. (St. John's College), M.A. (University of Virginia), Ph.D. (Yale University)
- Schmidt, Robert M.**, *Associate Professor of Economics*; 1981
B.A. (University of Wisconsin at Madison), M.A., Ph.D. (Duke University)
- Schoen, Walter L.**, *Assistant Professor of Theatre*; 1991
B.A. (Pennsylvania State University), M.F.A. (University of California at San Diego)
- Schwalb, Carlos F.**, *Assistant Professor of Chemistry*; 1993
B.A., Licenciatura (Pontificia Universidad Católica del Perú), Ph.D. (Emory University)
- Schwartz, Louis**, *Associate Professor of English*; 1989
B.A. (State University of New York at Albany), M.A., Ph.D. (Brandeis University)
- Seaborn, James B.**, *Professor of Physics, The Robert Edward and Lena Frazer Loving Professor in Physics*; (1965), 1970
B.S., M.S. (The Florida State University), Ph.D. (University of Virginia)

- Sella, Barbara**, *Assistant Professor of History*; 1992
B.A. (University of Minnesota at Minneapolis), M.A., Ph.D. (University of Toronto)
- Shapiro, Gary**, *Professor of Philosophy, Tucker-Boatwright Professor in the Humanities*; 1991
B.A. (Columbia College), Ph.D. (Columbia University)
- Shaw, Miranda E.**, *Assistant Professor of Religion*; 1991
B.A. (The Ohio State University), M.T.S. (Harvard University Divinity School),
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- Sholley, Barbara K.**, *Associate Professor of Psychology*; 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)
- Simpson, Lorenzo C.**, *Professor of Philosophy*; (1976), 1981
B.A. (Yale University), M.S. (University of Maryland), M.Phil., Ph.D. (Yale University)
- Spear, Michael M.**, *Associate Professor of Journalism*; 1983
B.A. (Guilford College), M.A. (University of North Carolina at Chapel Hill)
- Spencer, Jon M.**, *Professor of Music, Tyler and Alice Haynes Professor in American Studies*; 1995
B.A. (Hampton University), M.T.S. (Duke University), M.A., Ph.D. (Washington University)
- Stenger, Krista Fischer**, *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.**, *Assistant 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, Henry H., Jr.**, *Professor of Sociology*; 1966
B.A. (Franklin and Marshall College), M.A. (Mississippi State University),
Ph.D. (The Florida State 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)
- Summers, L. Carol**, *Assistant 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)
- Swinford, William K.**, *Assistant Professor of Political Science*; 1993
B.A. (University of Kentucky), Ph.D. (The Ohio State University)
- Tarver, Jerry L.**, *Professor of Speech Communication*; 1963
B.A., M.A., Ph.D. (Louisiana State University)
- Taylor, Welford D.**, *Professor of English, The James A. Bostwick Professor of English*; 1964
B.A., M.A. (University of Richmond), Ph.D. (University of Maryland)
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B.A. (Randolph-Macon College), Ph.D. (Duke University)
- Thomas, David Allen**, *Associate Professor of Speech Communication*; 1986
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- Thorn, William H.**, *Professor of History*; 1962
B.A. (DePauw University), Ph.D. (University of Rochester)
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B.S. (Hampden-Sydney College), Ph.D. (Cornell University)

- Traynelis-Yurek, Elaine F.**, *Associate Professor of Education*; 1980
B.A., M.A., Ed.D. (West Virginia University)
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- Tremaine, Louis E.**, *Associate Professor of English*; 1981
A.B. (Occidental College), M.A., Ph.D. (Indiana University)
- Tromater, L. James**, *Professor of Psychology*; 1966
B.A. (Bethany College), M.A. (University of Illinois), Ph.D. (Texas Christian University)
- Troncale, Joseph C.**, *Associate Professor of Russian*; 1979
B.A. (Loyola University), M.A. (University of Arizona), Ph.D. (Cornell University)
- Vineyard, Michael F.**, *Associate Professor of Physics*; 1986
B.S. (Stockton State College), M.S., Ph.D. (The Florida State University)
- Waller, Richard**, *Director of the Marsh Gallery*; 1990
B.A. (Mankato State University), M.A. (University of Wisconsin), M.F.A. (Yale University)
- Ward, Harry M.**, *Professor of History, William Binford Vest Professor of History*; 1965
B.A. (William Jewell College), M.A., Ph.D. (Columbia University)
- Welsh, John D.**, *Professor of Theatre*; 1965
B.A. (University of Richmond), M.A., Ph.D. (Tulane University)
- West, Ellis M.**, *Professor of Political Science*; 1968
B.A. (University of Richmond), (Yale Divinity School),
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- West, Hugh A.**, *Associate Professor of History*; 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)
- Westin, R. Barry**, *Professor of History*; 1961
B.A. (Grove City College), M.A., Ph.D. (Duke University)
- Wharton, Carol S.**, *Associate Professor of Sociology*; 1982
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Ph.D. (Michigan State University)
- Wheeler, Stuart L.**, *Assistant 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)
- Whitaker, David A.**, *Associate Professor of Economics*; 1969
B.S. (Virginia Commonwealth University), M.S. (Virginia Polytechnic Institute),
Ph.D. (University of Florida)
- Wight, Jonathan B.**, *Associate Professor of Economics*; 1982
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- Wingrove, C. Ray**, *Professor of Sociology, The Irving May Professor of Human Relations*; 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 Librarians

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M.S.L.S. (Catholic University of America)
- Gwin, James E.**, *Director of Technical Services*; 1975
A.B. (University of Chattanooga), M.Ln. (Emory University),
M.P.A. (Virginia Commonwealth University)
- Hall, Bonlyn G.**, *Director of Music Library/Cataloging Librarian*; 1971
B.S. (University of North Carolina), M.L.S. (State University of New York College at Geneseo), M.M. (University of Maryland)
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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.**, *Director of Business Information Center of The E. Claiborne Robins School of Business*; 1971
B.A. (Randolph-Macon College), M.L.S. (University of Kentucky),
M.B.A. (University of Richmond)
- McCulley, G. Lucretia**, *Director of Public 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.**, *Director of Media Resource Center*; 1987
A.B. (Roanoke College), M.S.L.S. (Atlanta University), Ed.S. (Georgia State University)
- Sudduth, William E., III**, *Reference Librarian/Coordinator of Government Documents*; 1990
B.A. (Randolph-Macon College), M.S. (University of North Carolina at Chapel Hill)
- Whitehead, Marcia E.**, *Reference Librarian/Coordinator of Library Instruction*; 1985
A.B. (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)
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B.A. (University of North Carolina), M.L.S. (University of South Carolina)

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B.A. (University of Richmond), B.D. (Southern Baptist Theological Seminary),
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A.B. (Cornell University), M.Sc. (Brown University), Ph.D. (University of Rochester)
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B.A. (University of Richmond), M.A. (Duke University)
- Berry, Thomas S.**, *Professor of Economics, Emeritus*; 1953
S.B., A.M., Ph.D. (Harvard University)
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- Campbell, Jeanne B.**, *Associate Professor of Art and Curator of the Marsh Gallery, Emerita*; (1944), 1959
Student (Richmond Professional Institute, Colorado Springs Fine Arts Center, Skowhegan School of Painting and Sculpture)
- 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)
- Coker, Hannah Lide**, *Music Librarian, Emerita*; 1945
B.A. (University of Richmond), B.A. (Coker College), Graduate Student (University of Oklahoma and Eastman School of Music), Pupil of Barre Hill, Marguerite Babaian in voice; and F. Flaxington Harker, Cecile Genhart and Robert Casadesus in piano
- 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)
- Decker, R. Dean**, *Associate Professor of Biology*; 1966
B.S., M.S. (Purdue University), Ph.D. (North Carolina State 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
A.B., Ph.D. (University of North Carolina at Chapel Hill)
- 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)
- Gunter, Garland O.**, *Professor of English, Emeritus*; 1966
B.A. (Wake Forest College), M.A. (Columbia University), Ph.D. (University of Maryland)
- Graeber, Max C.**, *Professor of Speech Communication, Emeritus, and Dean of University College, Emeritus*; 1967
B.S. (Indiana University), M.A., Ph.D. (Bowling Green State 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)
- Gregory, Frances W.**, *Professor of History, Emerita*; 1950
B.A. (Sweet Briar College), M.A. (Columbia University), M.A., Ph.D. (Harvard University)
- Gurney, Georgie A.**, *Associate Professor of English, Emerita*; 1964
A.B. (Tufts University), M.A. (Longwood College), M.A. (University of North Carolina), Certificat
et Diplome (University of Toulouse, France), Ph.D. (University of North Carolina)
- 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)
- 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)
- Key, Francis**, *Assistant Professor of Mathematics, Emeritus*; 1941
B.S. (Washington and Lee University) M.A. (Duke University)

- Leftwich, Francis B.**, *Professor of Biology*; 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)
- McNeal, Leonard D.**, *Professor of Health and Sport Science, Emeritus*; 1953
B.S., M.A. (University of Richmond), Ed.D. (University of Virginia)
- Monk, Clarence**, *Associate Professor of Mathematics, Emeritus*; 1959
B.A., B.S. (Emory and Henry College), M.S., Ph.D. (Columbia University)
- 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)
- Reams, Willie M., Jr.**, *Professor of Biology*; 1964
B.S. (University of Richmond); Ph.D. (The Johns Hopkins University)
- Rhodenhiser, O. William**, *Professor of Religion, Emeritus, The George and Sallie Cutchin 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)
- Selby, Talbot R.**, *Professor of Classical Studies, Emeritus*; 1962
A.B., Ph.D. (University of North Carolina)
- Smart, Robert Forte**, *Provost, Emeritus, and Professor of Biology, Emeritus*; 1929
B.A. (Mississippi College), A.M., Ph.D. (Harvard University), D.Sc. (University of Richmond)
- Stokes, Marion J.**, *Professor of Mathematics, Emerita*; (1950), 1953
B.A. (Randolph-Macon Woman's College), M.A. (University of Virginia)
- 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)
- Underhill, Frances A.**, *Professor of History, Emerita*; 1964
A.B., A.M. (University of Michigan), Ph.D. (Indiana University)
- West, Warwick R., Jr.**, *Professor of Biology, Emeritus*; 1952
B.S. (Lynchburg College), Ph.D. (University of Virginia)
- Wheeler, Charles H., III**, *Vice President for Financial and Business Affairs and Treasurer, Emeritus, and Professor of Mathematics, Emeritus*; 1928
S.B. (Washington and Jefferson College), Ph.D. (The Johns Hopkins University), D.Sc. (Washington and Jefferson College), LL.D. (University of Richmond)
- 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)
- Woolcott, William S., Jr.**, *Professor of Biology, Emeritus, The D.A. Kuyk Professor of Biology, Emeritus*; 1955
B.S. (Austin Peay State College), M.A. (George Peabody College), (University of Virginia), Ph.D. (Cornell University)

Faculty of the School of Business

The year given designates the year of appointment. The year with () is the year of first appointment.

- 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)
- Beard, Jon W.**, *Assistant Professor of Management Systems*; 1990
B.A. (University of Arkansas), M.S., Ph.D. (Texas A & M University)
- Bettenhausen, Albert E.**, *Assistant Professor of Business Administration and Associate Dean, The E. Claiborne Robins School of Business*; 1971
B.S. in B.A. (University of Richmond), M.B.A. (University of Florida)
- Brown, Michelle L.**, *Assistant Professor of Management Systems*; 1994
M.B.A., Doctoral Studies (York University)
- Charlton, William T., Jr.**, *Assistant Professor of Finance*; 1995
B.S. (Texas A&M University), M.B.A. (St. Mary's University),
Ph.D. (The University of Texas at Austin)
- Clikeman, Paul M.**, *Assistant Professor of Accounting*; 1995
B.S. (Valparaiso University), M.B.A. (University of Chicago)
- Cook, Robert W., Jr.**, *Associate Professor of Economics*; 1980
B.A. (University of Richmond), M.A. Ph.D. (Virginia Polytechnic Institute)
- Cossé, Thomas J.**, *Professor of Marketing*; 1975
B.S. (University of Southwestern Louisiana), M.B.A., Ph.D. (University of Arkansas)
- Craft, Erik D.**, *Assistant Professor of Economics*; 1994
B.A. (St. Lawrence University), M.A., Doctoral Study (University of Chicago)
- Dean, David H.**, *Associate Professor of Economics*; 1987
B.A. (Hobart College), M.A., Ph.D. (Rutgers University)
- Dolan, Robert C.**, *Professor of Economics*; 1980
B.A. (Hobart College), M.S., Ph.D. (Rutgers University)
- Earl, John H., Jr.**, *Associate Professor of Finance*; 1981
B.B.A., M.S.B.A. (University of Massachusetts at Amherst), Ph.D. (Arizona State University)
- Edwards, N. Fayne**, *Professor of Economics*; 1968
B.S. (Virginia Polytechnic Institute), Ph.D. (University of Kentucky)
- Eylon, Dafna**, *Assistant Professor of Management Systems*; 1994
B.A. (Tel-Aviv University), Ph.D. (University of British Columbia)
- Giacalone, Robert A.**, *Associate Professor of Management Systems*; 1988
B.A. (Hofstra University), Ph.D. (State University of New York at Albany)
- Giese, Thomas D.**, *Professor of Marketing*; 1978
B.S., M.S. (Southern Illinois University), Ph.D. (University of Mississippi)
- Goodwin, James C., Jr.**, *Professor of Management Systems*; 1976
B.S., M.B.A. (Louisiana State University), Ph.D. (University of North Carolina)
- Gray, Samuel R.**, *Assistant Professor of Management Systems and Associate Dean, The E. Claiborne Robins School of Business; Director, The Richard S. Reynolds Graduate School*; 1993
B.S. (University of Houston), M.B.A., Ph.D. (Texas A&M University)
- Hoyle, Joe Ben**, *Associate Professor of Accounting, The CSX Chair in Management and Accounting*; 1979
B.A. (Duke University), M.A. (Appalachian State University), C.P.A.

- Jones, Phillip A., Sr.**, *Professor of Accounting*; 1973
B.A. (Harper College), M.A. (State University of New York at Binghamton),
Ph.D. (Michigan State 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**, *Assistant Professor of Marketing*; 1991
B.A. (University of Arizona), M.I.M. (American Graduate School
of International Management), Ph.D. (University of South Carolina)
- Litteral, Lewis A.**, *Associate Professor of Management Systems*; 1982
B.S. (Georgia Southern College), M.S., Ph.D. (Clemson University)
- McGoldrick, KimMarie**, *Assistant Professor of Economics*; 1992
B.S. (State University of New York at Oswego),
M.A., Ph.D. (State University of New York at Binghamton)
- New, J. Randolph**, *Professor of Management Systems and Dean, The E. Claiborne Robins
School of Business*; 1994
B.S.B.A., M.B.A. (University of Arkansas), Ph.D. (Arizona State University)
- Nicholson, Robert H.**, *Associate Professor of Economics*; 1972
B.S. (University of Delaware), M.S., Ph.D. (North Carolina State University)
- Phillips, Robert W.**, *Professor of Finance*; 1974
B.A. (Denison University), M.B.A. (Ohio University), D.B.A. (Indiana University)
- Raines, J. Patrick**, *Associate Professor of Economics, The F. Carlyle Tiller Chair in Business*; 1982
B.A., M.A., Ph.D. (University of Alabama)
- Rose, John S.**, *Professor of Management Systems*; 1977
A.B., A.M. (University of Michigan), Ph.D. (Northwestern University)
- 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.**, *Associate Professor of Economics*; 1981
B.A. (University of Wisconsin at Madison), M.A., Ph.D. (Duke University)
- Schweikart, James, A.**, *Associate Professor of Accounting*; 1988
B.B.A. (University of Wisconsin), M.S. (University of Rhode Island),
M.B.A., Ph.D. (Indiana University), C.P.A.
- Slaughter, Raymond L.**, *Associate Professor of Accounting*; 1977
B.A. (Kentucky State University), M.B.A. (University of Pennsylvania),
J.D. (Howard University), LL.M. (College of William and Mary), C.P.A.
- Stevens, Jerry L.**, *Associate Professor of Finance, The Joseph A. Jennings Chair in Business*; 1987
B.S. (Southwest Missouri State University), M.S., Ph.D. (University of Illinois)
- Walden, W. Darrell**, *Assistant Professor of Accounting*; 1994
B.S. (Virginia Union University), M.S. (Syracuse University),
Ph.D. (Virginia Commonwealth University)
- Weisenberger, Terry M.**, *Associate Professor of Marketing*; 1977
B.S., M.B.A., Ph.D. (Michigan State University)
- Whitaker, David A.**, *Associate Professor of Economics*; 1969
B.S. (Virginia Commonwealth University), M.S. (Virginia Polytechnic Institute),
Ph.D. (University of Florida)
- Wight, Jonathan, B.**, *Associate Professor of Economics*; 1982
B.A. (Duke University), M.A., Ph.D. (Vanderbilt University)

Retired Business Faculty

- Berry, T.S.**, *Professor of Economics, Emeritus*; 1954
Ph.D. (Harvard University)

- Bird, Frank**, *Professor of Accounting, Emeritus*; 1972
B.S. (Drexel University), M.S., Ph.D. (The Pennsylvania State University), C.P.A.
- 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; 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)
- Robbins, W. David**, *Professor of Business Policy and Dean, Emeritus*; 1959
B.A. (North Texas State University), M.B.A. (Northwestern University),
Ph.D. (The Ohio State University)

The Management Institute

- Dunsing, Richard J.**, *Associate Professor of Organization Development*; 1967
B.A. (Knox College), M.B.A. (Northwestern University)
- Goodwin, Jack S.**, *Director, The Management Institute*; 1995
B.S. (University of Southwestern Louisiana), M.B.A. (University of North Carolina),
Ph.D. (University of South Carolina)
- Meluch, Jeanette M.**, *Assistant 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.**, *Associate Professor of Leadership Studies, The Coston Family Chair in Ethics and Leadership*; 1991
B.A. (University of Maryland), M.A. (University of Delaware), Ph.D. (Temple University)
- Couto, Richard A.**, *Professor of Leadership Studies*; 1991
B.A. (Marist College), M.A. (Boston College), Ph.D. (University of Kentucky)
- 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)
- Howe, William S., III**, *Assistant Professor of Leadership Studies*; 1991
B.A. (Northwestern University), M.A. (University of Massachusetts),
Ed.M. (Harvard University), M.A. (Stanford 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)
- Prince, Howard T., II**, *Professor of Leadership Studies, The George Matthews and Virginia Brinkley Modlin Chair in Leadership Studies*; 1990
B.S. (United States Military Academy, West Point), (Rheinische Friedrich-Wilhelms Universitit, Bonn, Germany), M.A. (The American University), Ph.D. (University of Texas at Austin)
- Rosenblum, John W.**, *Dean, Jepson School of Leadership Studies; Professor of Leadership Studies*; 1996
A.B. (Brown University), M.B.A., D.B.A. (Harvard University)
- Swatez, Marc J.**, *Assistant Professor of Leadership Studies*; 1993
B.A. (Drake University), M.A., Ph.D. (Northwestern 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 senior in Richmond College or Westhampton College 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 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 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.



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