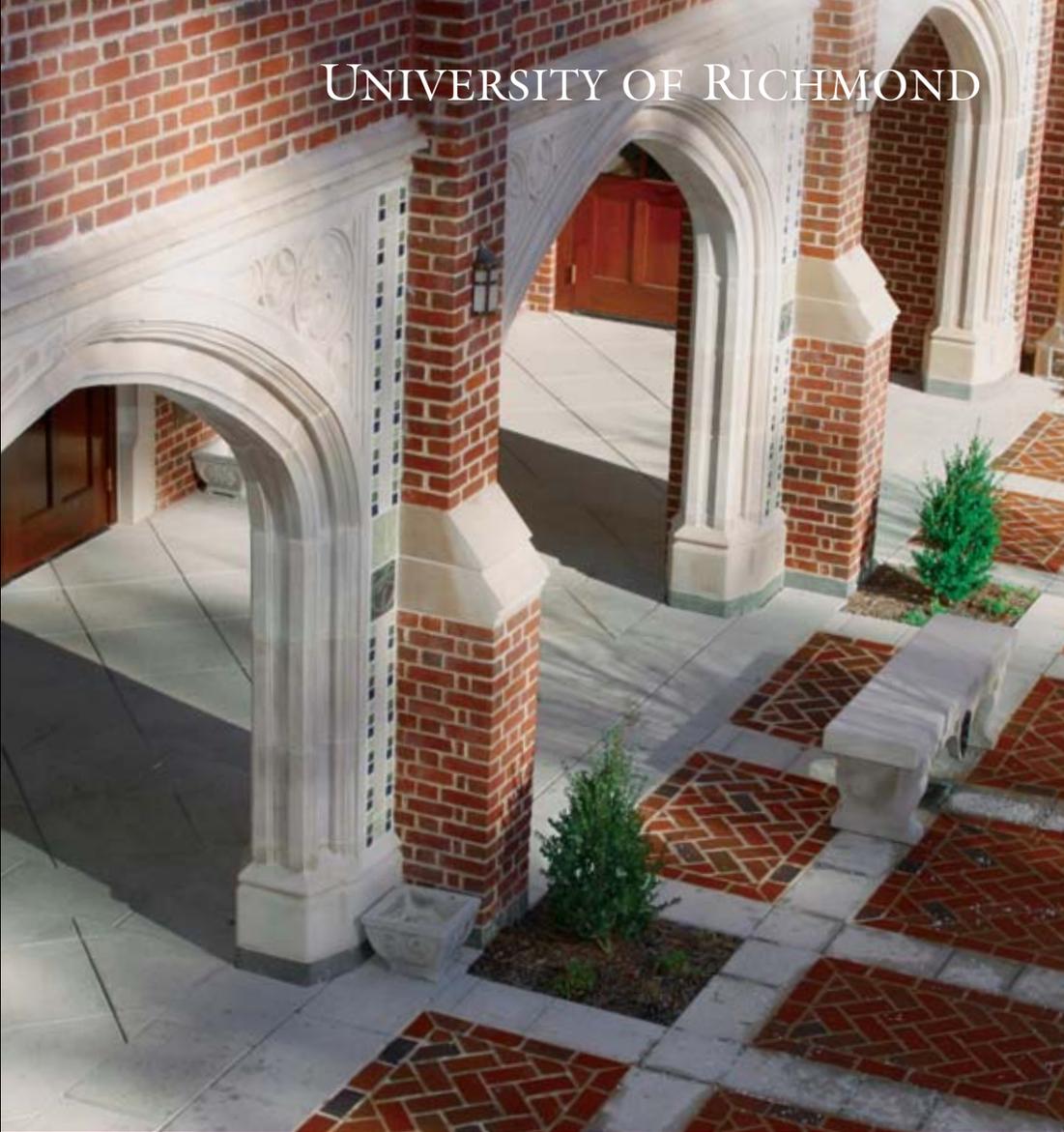


UNIVERSITY OF RICHMOND



Graduate School of Arts & Sciences

2004–2006 Catalog



Non-Discrimination Policy

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

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

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

Disclaimer

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

UNIVERSITY OF RICHMOND



Graduate School of Arts & Sciences

FOR INFORMATION:

Director

Graduate School of Arts and Sciences
University of Richmond, Virginia 23173

(804) 289-8417

www.richmond.edu

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GRADUATE SCHOOL CALENDAR

2004–2006

FALL SEMESTER 2004

Aug. 3–20	Registration
Aug. 23, Mon.	Classes begin
Sept. 6, Mon.	Labor Day (classes meet)
Sept. 10, Fri.	Last day to file for May/August graduation
Oct. 8, Fri.	Last day of classes prior to fall break
Oct. 13, Wed.	Classes resume
Nov. 23, Tues.	Thanksgiving break begins after classes
Nov. 29, Mon.	Classes resume
Dec. 6–14, Mon.–Tues.	Fall term examination period
Dec. 14, Tues.	Fall term ends

SPRING SEMESTER 2005

Nov. 9–Jan. 6	Registration
Jan. 10, Mon.	Classes begin
Feb. 4, Fri.	Last day to file for May/August graduation, if not filed earlier
Mar. 4, Fri.	Spring break begins after classes
Mar. 14, Mon.	Classes resume
Mar. 30, Wed.	Last day to submit theses for May Graduation
Apr. 25–30, Mon.–Sat.	Spring term examination period
Apr. 30, Sat.	Spring term ends
May 8, Sun.	Baccalaureate Service and Spring Commencement

SUMMER SESSION 2005

The 2005 Summer School Calendar will be announced in January 2005.

FALL SEMESTER 2005

Aug. 29, Mon.	Classes begin
Sept. 5, Mon.	Labor Day (classes meet)
Sept. 9, Fri.	Last day to file for May/August graduation
Oct. 14, Fri.	Last day of classes prior to fall break
Oct. 19, Wed.	Classes resume
Nov. 22, Tues.	Thanksgiving break begins after classes
Nov. 28, Mon.	Classes resume
Dec. 12–20, Mon.–Tues.	Fall term examination period
Dec. 20, Tues.	Fall term ends

SPRING SEMESTER 2006

- Jan. 16, Mon.Classes begin
- Feb. 3, Fri.Last day to file for May/August graduation, if not filed earlier
- Mar. 3, Fri.Spring break begins after classes
- Mar. 13, Mon.Classes resume
- Apr. 24–May 6, Mon.–Sat.Spring term examination period
- May 6, Sat.Spring term ends
- May 14, Sun.Baccalaureate Service and Spring Commencement

Addendum to the University of Richmond Academic Calendars 2004–2006

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

Christian Holidays 2004–2006

Holiday	2004–2005	2005–2006
Christmas	Dec. 25, Sat., 2004	Dec. 25, Sun., 2005
Good Friday	Mar. 25, Fri., 2005	Apr. 14, Fri., 2006
Easter Sunday	Mar. 27, Sun., 2005	Apr. 16, Sun., 2006
Easter Monday	Mar. 28, Mon., 2005	Apr. 17, Mon., 2006

Jewish Holidays 2004–2006

Holiday	2004–2005	2005–2006
Rosh Hashanah	Sept. 16–17, Thurs.–Fri., 2004	Oct. 4–5, Tues.–Wed., 2005
Yom Kippur	Sept. 25, Sat., 2004	Oct. 13, Thurs., 2005
Sukkot	Sept. 30–Oct. 6, Thurs.–Wed., 2004	Oct. 18–24, Tues.–Mon., 2005
Shemini Atzeret/ Simchat Torah	Oct. 7–8, Thurs.–Fri., 2004	Oct. 25–26, Tues.–Wed., 2005
Hanukkah**	Dec. 7–15, Tues.–Wed., 2004	Dec. 25–Jan. 2, Sun.–Mon., 2005–06
Passover	Apr. 24–25, Sun.–Mon., 2005	Apr. 13–14, Thurs.–Fri., 2006
Passover (concluding days)	Apr. 30–May 1, Sat.–Sun., 2005	Apr. 19–20, Wed.–Thurs., 2006
Shavuot	June 13–14, Mon.–Tues., 2005	June 2–3, Fri.–Sat., 2006

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

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

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

Islamic Holidays 2004–2006

Holiday	2004–2005	2005–2006
Eid-al-Fitr	Nov. 14, Sun., 2004	Nov. 4, Fri., 2005
Eid-al-Adha	Jan. 21, Fri., 2005	Jan. 11, Wed., 2006
Islamic New Year	Feb. 10, Thurs., 2005	Jan. 31, Tues., 2006

– All Islamic dates begin at sunset the preceding evening.

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



UNIVERSITY OF RICHMOND

STATEMENT OF PURPOSE

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

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

The educational objectives of the University are:

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

To achieve these objectives, the University is committed to:

- An educational environment conducive to the development of the whole person—intellectually, socially, spiritually, physically and morally
- An academic setting that guarantees and encourages freedom of thought, expression and association
- An undergraduate curriculum that requires mastery of essential intellectual tools, awareness of the diversity of human cultural experiences, extensive knowledge of at least one area of study, and opportunities for interdisciplinary and integrative inquiry
- A faculty dedicated to excellent teaching and dialogue with students, and active engagement in scholarship, scientific inquiry and artistic creativity
- A diverse, largely full-time and residential student body that participates in a broad range of University activities including opportunities for research, leadership and the development of civic responsibility
- The essential resources for learning, such as libraries, laboratories, studios, information and communications technology, and media resources
- Opportunities for internships, social commitment and public service, and other domestic and international learning experiences
- A program of varied social, spiritual and physical activities that provide occasions for growth, fun and fellowship
- An administration and staff that preserve and enhance the University's environment and resources, and that represent the institution to the broader community it serves

ORGANIZATION AND HISTORY

Several colleges and schools 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 originated with Richmond College, a college of liberal arts and sciences for men, founded in 1830. 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, for advanced study in the liberal arts and sciences (1921); The E. Claiborne Robins School of Business (1949); School of Continuing Studies (formerly University College), for evening, summer, and continuing education (1962); and the Jepson School of Leadership Studies (1992). These schools enroll about 2,900 full-time undergraduates, most of whom live on campus; some 500 full-time graduate and law students; and, largely from the Richmond community, 1,300 part-time students.

Each school has its own dean or director, student body and institutional life. The University Senate, which includes representatives of all the faculties, provides for intercollegiate cooperation.

UNIVERSITY COMMITMENT

The University of Richmond is afforded a distinctive opportunity to offer an education that is powerful in developing human capabilities. The University benefits from a heritage of ethical and religious values, a residential character, and a commitment to liberal and general education through intimate colleges and schools joined into a substantial whole.

The University's exceptional natural advantages of campus and location provide another distinctive characteristic: that of uncommon attractiveness. The campus consists of some 50 major buildings of a splendid Collegiate Gothic architectural style, set on 350 acres of lawns, lake and woodlands. The University is situated in a state whose leading colleges and universities enjoy an especially positive image. The City of Richmond, though located in the densely populated eastern corridor and near the nation's capital, is not overwhelmed by the problems of congestion and modern urban life. The city and region offer countless cultural and educational resources that enhance the University's special character.

The University's educational program uses these advantages. It aims to be a model of coherence, both in relating various approaches to knowledge in a fragmented intellectual world and in connecting knowledge with ethical sensitivity and civic responsibility. Through curricular emphases, student involvement in volunteer service, the honor tradition, athletics, the work of the chaplaincy, and special academic programs, the University of Richmond is an institution able to make a genuine human difference through the educational program that it offers.

ACCREDITATION

The University of Richmond is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866

Southern Lane, Decatur, GA 30033-4097; telephone 404-679-4501) to award the associate, baccalaureate, master and juris doctor degrees.

The University also is certified by the Virginia State Board of Education to offer teacher licensure programs. Various departments and divisions have more specialized accreditation. Included in this category are the music program, accredited by the National Association of Schools of Music; and the chemistry program, accredited by the American Chemical Society. In addition, The E. Claiborne Robins School of Business is accredited by The Association to Advance Collegiate Schools of Business (AACSB International) at the undergraduate and graduate levels, and the University of Richmond School of Law is accredited by the American Bar Association.

UNIVERSITY RESOURCES & SERVICES

CAREER DEVELOPMENT CENTER

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

Staff members provide individualized career counseling and help students develop systematic approaches to job or graduate school searches. Programs, which often feature alumni and area employers, are presented throughout the year on job search strategies, connections between careers and majors, internships, transitions from student to work life, and other relevant topics.

The Career Development Center houses a library that contains a variety of print and multimedia materials. Over the Web, students can access complete graduate and professional school catalogs, full-time job vacancies and more than 20,000 internship listings on eRecruiting (link available on <http://cdc.richmond>

Web site). Students are invited to visit the CDC in person or on the web to view all available resources and a calendar of upcoming events.

INFORMATION SERVICES — LIBRARY AND COMPUTING RESOURCES

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

Library Resources

The University's libraries are the center of intellectual activities outside the classroom. Boatwright Memorial Library, facing Westhampton Lake, is the main library. It is home to the Business Information Center, the Media Resource Center and the Science Information Center. The Parsons Music Library is in the Modlin Center for the Arts. The Law Library in the Richmond School of Law serves the special needs of law students and faculty.

The libraries' collections have been developed to meet the needs of students and faculty. Those collections consist of more than

450,000 volumes, more than 11,000 journal subscriptions, more than 200 online databases, and a wealth of resources in media such as electronic books, sheet music, DVD, audio CD, microfilm and audiobooks. Since 1900 the University of Richmond has enjoyed status as a depository for U.S. government publications. Boatwright Memorial Library holds more than 500,000 government documents in print and microform and provides electronic access to thousands more. The Galvin Rare Book room contains nearly 25,000 rare books, first editions, maps, photographs and manuscripts. The online catalog (<http://library.richmond.edu/>) provides access to the collections through the Internet.

The libraries offer group and individual instruction in using these resources effectively. Group instruction is offered in the Boatwright Computer Classroom and other locations. In 2003 the faculty instituted a library research graduation requirement. First-year students meet this requirement by participating in two 75-minute hands-on workshops, one each semester. These workshops introduce students to basic research tools and techniques.

Boatwright Memorial Library offers a mix of study space suitable for individuals working quietly or for group work, AV viewing/listening carrels and rooms, and 99 computer workstations. Laptop computers are loaned for in-building use; these connect to the University's wireless network.

The libraries participate in local and state consortia as well as national networks to obtain access to databases and to borrow items not held in the University's collections.

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

The libraries are open to the entire campus community.

COMPUTING FACILITIES

The University of Richmond has numerous computer labs across campus. The purpose of the labs varies from general student use to specific departmental use. The labs contain a wide variety of equipment and software. The Microsoft Office XP suite is the University's standard for personal and enterprise productivity software. All users must have an active University computer account to log into any of the campus machines. Passwords must be changed each semester to maintain an active account. Please refer to the Policies for Responsible Computing posted on the University Web site.

The University of Richmond provides rich technology and information resources for students, faculty and staff. The ground floor of Jepson Hall houses many computing services. This includes the University Help Desk, a resource that provides assistance with computing-related issues for the entire campus. The facilities in Jepson Hall include two general-purpose computer labs with a total of 50 PC and Mac workstations; five PC classrooms equipped with full multimedia capabilities; and two computer classrooms designated for use by Math & Computer Science running Linux, Unix and other platforms. When classes are not in session, the Jepson Hall computer-equipped classrooms are open for student use.

The normal operating hours during the fall and spring semesters for Jepson Hall facilities are Monday–Thursday 7:45 a.m.–1:00 a.m., Friday 7:45 a.m.–5:00 p.m., Saturday 11 a.m.–6:00 p.m., and Sunday 11:00 a.m.–1:00 a.m. The schedule changes for holidays, vacations and exams. Please refer to the hours posted on the University Web site.

The Technology Learning Center is located on the third floor of Boatwright Memorial Library. It is devoted to servicing the multimedia needs of students, faculty and staff. This area includes PC and Mac workstations equipped with high-end Web development, multimedia, animation, 3-D modeling and audio-video recording and editing software. Scanners, high-quality printers, large-format plotters, digitizers and digital video and still

cameras are available. The space also contains a photography studio and a small recording studio. Most important, these areas are professionally staffed, so students not only have access to the hardware and software, but to experts who can help them use these specialized tools effectively.

Many departments on campus also have computer labs dedicated to meeting the learning and research needs of their students. These include Art & Art History, the Business School, Chemistry, Classical Studies, Education, the Law School, Modern Languages & Literatures, Music, Physics, Psychology, the School of Leadership Studies, and Theatre and Dance. A public computer lab is also located in the Gottwald Science Center. Boatwright Memorial Library has an abundance of workstations, as well as laptops available for check-out for use within the building. For more information regarding the discipline-specific computer labs and their hours of operation please refer the University Web site under Information Services.

CHAPLAINCY

Religious activities center in the Office of the Chaplaincy, which is easily accessible in the E. Carlton Wilton Center for Interfaith Campus Ministries. 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 including Jewish, Christian, Muslim, Unitarian Universalist and Hindu. Religious activities and dinners are open to all to promote interfaith understanding. Each Sunday morning, there is an interdenominational Christian worship service in Cannon Memorial Chapel. Roman Catholic liturgy is held on Sunday evening, and a Sabbath evening service is held on Friday. The City of Richmond has well over 300 places of worship, each of which welcomes students to participate.

The Chaplaincy offers help, through individual counseling or group workshops, to students facing personal problems or critical decisions, or who have 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. Confidentiality is maintained with all services guided by the standards of the American Psychological Association and the licensing laws of the Commonwealth of Virginia.

DISABILITY ACCOMMODATIONS

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

INTERNATIONAL STUDENTS AND STUDY ABROAD

The Office of International Education, located in the administrative wing of Boatwright Library, serves all undergraduate and graduate students, 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 including orientation, visa, work, health insurance, taxes, and cultural and social activities.

Graduate students who wish to explore opportunities for study abroad as part of their degree program should contact the Office of International Education. The University now has exchange agreements with universities in Argentina, Australia, Austria, China, Denmark, England, France, Germany, Ghana, Ireland, Italy, Mexico, the Netherlands, New Zealand, Poland, Scotland, Spain and Sweden. New exchange agreements are added each year.

MULTICULTURAL AFFAIRS

Working closely with the Office of Admission, the Office of Multicultural Affairs is the focus of the University's efforts to increase and maintain a diverse student population. 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.

RECREATION

The Campus Recreation Department is dedicated to the concept of providing quality recreational opportunities for the campus community. To meet the diverse needs and interests of its members, a comprehensive and innovative program has been developed. The program is composed of seven components: aerobics and fitness, informal recreation, intramurals, outdoor adventure, special events, sport clubs and wellness. The Spider Sports Center, the hub of the Campus Recreation program, is located in the lower level of the Robins Center. The facility includes more than 9,000 square feet of recreational space for aerobics and conditioning. The recreational equipment available includes Nautilus, StairMasters, Lifecycles, Ergometers, treadmills, free weights and more.

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 physi-

cians and registered nurses. Services include acute care for illness and injury, general medical care, gynecology, allergy shots and immunizations.

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 a per-semester fee. The cost of prescription drugs, some laboratory tests, hospital emergency room treatment, hospitalization, X-rays and referral off campus for consultation with medical specialists are not covered by any student fees. These costs will be billed separately by the provider.

Hours of operation (subject to change) are 8:00 a.m. to 5:00 p.m. Monday through Friday, and 1:00 p.m. to 5:00 p.m. on Saturday and Sunday. Registered nurses are on duty at all times. The doctors maintain regular office hours Monday through Friday. If a physician's services are required after hours, an off-campus referral to a private facility will be made. The telephone number is (804) 289-8064, and the fax number is (804) 287-6466.

Upon arrival at the Student Health Center, each patient may initially be evaluated by a nurse who will advise the proper treatment for the patient's medical complaint. If the evaluation indicates a need, an appointment with the doctor will be made. Appointments are made only after evaluation by the nurse except for annual gynecological examinations, doctor-requested follow-up visits, allergy shots, immunizations (influenza, tetanus, MMR, Hepatitis B, Hepatitis A), and PPD (tuberculosis) tests.

Allergy shots are given by appointment on weekdays during specified hours. Detailed instructions from the referring physician must accompany the allergy serum. This service requires a fee, which is payable at the time of the visit.

A fee for immunizations is payable at the time of the injection and is based on the cost of the serum. This also applies to PPD skin tests.

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

FOOD SERVICE

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 the University Club. The Heilman Dining Center is open seven days a week during the academic year. Each meal features a wide variety of selections, including both hot and cold entrees.

Standard service hours are:

Monday–Friday

Breakfast: 7:00 a.m.–10:00 a.m.

*Lunch: 11:00 a.m.–2:45 p.m.

Dinner: 4:30 p.m.–7:00 p.m.

*Limited service from 2:00 p.m.–2:45 p.m.

Saturday and Sunday

Brunch: 10:30 a.m.–2:00 p.m.

Dinner: 4:30 p.m.–7:00 p.m.

The Tyler Haynes Commons houses Tyler's Grill, a fast food facility that serves primarily hot and cold sandwiches, snack items, soft drinks and desserts. The hours of operation are:

Monday–Friday: 7:30 a.m.–8:00 p.m.

Saturday: Closed

Sunday: 4:00 p.m.–8:00 p.m.

Also located in the Tyler Haynes Commons is The Cellar, a late night gathering space that serves entrees, desserts, hors d'oeuvres and assorted beverages, including beer and wine. The Cellar plays a wide selection of music through a state-of-the-art sound system, and also offers live music one or two nights a week. Students may use their One-Card, cash, checks, MasterCard or Visa at The Cellar.

Hours of operation are:

Sunday–Thursday: 5:00 p.m.–midnight

Friday–Saturday: 5:00 p.m.–1:00 a.m.

Off-Campus Students may select from a variety of meal plans if they choose (refer to Dining Services Web page for specific information). Please note that only meal plan participants can use their One-Card at Tyler's Grill or the Heilman Dining Center. Meals under all meal plans are served during the days and times stated in the calendar for the School of Arts and Sciences.

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

Please refer to the Dining Services Web page for more specific information on hours, dates of operation, menus, service policies, box meals, nutrition counseling and other specialty services. The ID/Meal Card is **nontransferable**.

STUDENT IDENTIFICATION NUMBER

In an effort to better protect the privacy of each member of the University of Richmond community, the University will no longer use social security numbers as the primary identification for University records. Effective summer 2004, the University will use randomly generated ID numbers for each student, employee, faculty member and alumnus.

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

A social security number will still be required to be on file with the University to fulfill IRS and federal reporting requirements.

IDENTIFICATION CARD

Graduate students should apply to One-Card Services in Tyler Haynes Commons to receive an identification card with their picture on it.

Identification cards are necessary to enjoy University services such as cashing checks, checking out books from libraries, and using athletic facilities. They are not transferable.

PARKING

All students must obtain a parking permit from the campus police office. A nominal fee is charged.

HOUSING

The University does not provide on-campus housing for graduate students.

RESEARCH FUND

The Graduate School offers research funding to support research and travel. Funds may be used to purchase materials for research, travel to archives, and travel to present research results at conferences. Application information and deadlines are on the Arts and Sciences Graduate School Web site: <http://asgraduate.richmond.edu/research.htm>.

ETHICS AND CONDUCT

POLICIES

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

UNIVERSITY ACADEMIC HONOR STATUTE

All schools within the University of Richmond operate under an Academic Code of Ethics; copies are available in the appropriate dean's office. Breaches of the code include cheating, plagiarism, violation of a signed pledge, lying, academic theft, and in general breaking one's word of honor in any circumstance. 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 penalties, when necessary, will be effected according to established procedures, with procedural fairness observed, and with appropriate appeal procedures available.

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 for complying 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 necessary, legal action. Disciplinary action may range from reprimand/disciplinary warning up to and including

dismissal or expulsion from the University. Penalties will be imposed after proper determination has been made in accordance with established disciplinary procedures of the University, with fair procedures observed and with appropriate appeal procedures available, as outlined in the Policy Statement and any approved revisions thereof.

A copy of this Policy Statement and/or any officially approved revisions is readily available to 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.

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

JEANNE CLERY DISCLOSURE OF CAMPUS SECURITY AND CAMPUS CRIME STATISTICS ACT

The security of all members of the campus community is of vital concern to the University of Richmond. Information regarding crime prevention advice, the law enforcement authority of the University Police, policies concerning the reporting of any crimes that may occur on the campus, and crime statistics for the most recent three-year period may be requested from the University of Richmond Police Department, Special Programs Building, 31 UR Drive, University of Richmond, VA 23173, or accessed on the University's Web site at <http://oncampus.richmond.edu/administration/police/ccra/>. A paper copy of the security report will be provided upon request and may be obtained at the University Police Department, located in the Special Programs Building.

MOTORIZED VEHICLES

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

CONFIDENTIALITY/PRIVACY RIGHTS/RIGHT TO KNOW

University of Richmond procedures and Family Educational Rights and Privacy Act of 1974 (PL. 93-380) as amended, prohibit the unauthorized release of confidential information about individual students. However, directory information is not considered to be confidential and may be published or otherwise released. Directory information includes: name; addresses, including permanent, campus, local (off-campus), e-mail and campus computer network (IP) address; associated telephone numbers; date and place of birth; school or college; major and/or minor fields of study; degree sought; expected date of completion of degree requirements and graduation; degrees conferred; awards and honors (e.g., dean's list); full- or part- time enrollment status; dates of attendance; previous institutions attended; participation in officially recognized activities and sports; weight and height of members of athletic teams; and photograph. A full list of information considered directory information is available on the Office of the University Registrar's Web page at <http://oncampus.richmond.edu/academics/registrar/policy/ferpapolicy.html> or by contacting the Office of the University Registrar. Students may opt to have their directory information withheld. To exercise this option, the appropriate form must be obtained from the Office of the University Registrar, completed and returned to that office. Once filed, this form remains in effect until withdrawn by the student in writing to the Office of the University Registrar. For further information, contact the Office of the University Registrar.

RIGHTS WITH RESPECT TO EDUCATION RECORDS

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

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

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

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

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

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

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to school officials with legitimate education interests. A school official is a person employed by the University

in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University of Richmond to comply with the requirements of FERPA. The name and address of the office that administers FERPA are: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202-4605.

The University of Richmond's complete FERPA Policy Statement is available as part of the Office of the University Registrar's Web page at <http://oncampus.richmond.edu/academics/registrar/> or by contacting the Office of the University Registrar.

RIGHT TO KNOW

In accordance with the Student Right to Know and Campus Security Act, Public Law 101-542, as amended by the Higher Education Technical Amendments of 1991, Public Law 102-26, the University of Richmond will make graduate rates available to all current and incoming students, before enrolling or making any financial obligation to the University. These figures can be found on the Office of the University Registrar's Web page at <http://oncampus.richmond.edu/academics/registrar/policy/studntcon.html>.

GRADUATE SCHOOL OF ART AND SCIENCES

The Graduate School at the University of Richmond offers programs leading to the Master of Arts degree in English, History and Psychology; the Master of Science degree in Biology; and the Master of Liberal Arts degree.

These programs serve a diverse constituency. Most accept both full-time and part-time students and meet a variety of individual needs and interests. Broadly speaking, the Graduate School accommodates three kinds of students: 1) those seeking, for professional purposes, a capstone to their formal study; 2) those seeking a transition to doctoral study; and 3) those seeking personal intellectual enrichment.

In some programs a certain kind of student predominates while other programs have a greater mix: History and English, for example, will have students in all three categories.

The salient feature of the Graduate School is its small size. While this means that the Graduate School cannot offer an extensive array of courses, it also means that students can enjoy the close attention of faculty. Classes are small and professors are very accessible. Students can expect careful advising and guidance of their work and ample opportunities to work with faculty in the library and laboratory.

GRADUATE PROGRAMS

MASTER OF ARTS AND MASTER OF SCIENCE DEGREES

The Master of Arts (M.A.) and the Master of Science (M.S.) degrees are awarded for the successful completion of programs that include research and usually a thesis in the major field. They may serve as terminal degrees or may lead to further graduate work in doctoral programs at other institutions.

I. Specific Admission Requirements

In addition to satisfying the general admission requirements, the applicant must present the following:

1. Undergraduate work of a quality that clearly indicates ability to pursue graduate study successfully. Generally, this means an overall undergraduate average of B or better.
2. Appropriate preparatory study at the undergraduate level in the graduate major. Background study in mathematics, laboratory sciences, and foreign languages may be stipulated by the major department. For information regarding departmental

preparation requirements, see the appropriate departmental listing in the section titled Curricula. Courses taken at the University of Richmond to remove deficiencies in preparation will not be credited toward the master's degree.

3. A satisfactory score on the General Test of the Graduate Record Examinations (GRE). Because some departments may also require scores on the Subject Test in the area of specialization, applicants should have these scores sent as well. The requirement for GRE scores may be waived by the director of the Graduate School on recommendation of the department. Waivers will be granted only for unusual circumstances such as the holding of another graduate degree.
4. The Department of English requires a 10–20 page writing sample.

II. Degree Candidacy Requirements

1. Successful completion of a minimum of nine semester hours of graduate work in a master's degree program approved by the student's major department.

2. Satisfactory performance on written or oral qualifying examinations if required by the major department.
3. Permission of the major department to continue work toward the master's degree, based on the quality of completed graduate work.
4. Approval of the director of the Graduate School.

III. Degree Requirements

The following are general Graduate School requirements. For specific departmental requirements, please see the appropriate departmental listing in the section titled Curricula.

1. Successful completion of a minimum of 27 semester hours (including the thesis course) of graduate study. In programs which require 27–30 hours, a minimum of 15 semester hours (including the thesis course) must be in appropriate courses at the 500 level. In programs requiring more than 30 hours, at least one half of the required hours must be taken at the 500 level. The entire program must be approved by the student's major department.
2. A grade point average of at least 3.00 for all graduate coursework.
3. Proficiency in foreign languages if required by the student's major department.
4. In some programs, a thesis in the major field, representing the results of individual research on the part of the student. An abstract of the thesis must be published in Masters Abstracts. Publication of the thesis through University Microfilms International is encouraged but not required. Written instructions for the preparation of final copies of theses and abstracts may be obtained from departmental coordinators, the Graduate School office and the Arts and Sciences Graduate School Web site, <http://asgraduate.richmond.edu>. Copies of masters' theses are placed in Boatwright Library and the University Archives and can be checked out by library patrons and ordered by other institutions through interlibrary loan.
5. In some programs, a comprehensive examination in the student's graduate field, which may be oral or written, or both.
6. Completion of degree requirements within five years from admission to the degree program. Extension of time or reinstatement to a program after a lapse of time requires special permission of the Graduate Council and may entail additional course requirements. A re-entering student must fulfill the requirements of the catalog in effect at the time of re-entrance.

MASTER OF LIBERAL ARTS DEGREE

The Master of Liberal Arts degree is a cross-disciplinary program designed for students who wish to work toward a master's degree without limiting their study to a single discipline. Students take a required introductory course (MLA 500) and then, in consultation with the program coordinator, design their own course of study, choosing courses from throughout the liberal arts that support a theme, topic or focus approved by the coordinator. In a final required seminar (MLA 599), each student completes a culminating project which grows out of his or her course of study.

I. Specific Admission Requirements

The applicant must meet the general admission requirements. While standardized test scores are not normally required, they are required of those (full-time) students applying for assistantships. These students must submit results of the General Test of the Graduate Record Examinations (GRE).

II. Degree Candidacy Requirements

1. Satisfactory completion of nine semester hours of graduate work.
2. Permission of the coordinator of the Master of Liberal Arts Program to continue work toward the degree after review of the quality of the graduate work already completed in the program.
3. Approval of the director of the Graduate School.

III. Degree Requirements

1. Successful completion of 10 courses approved for graduate work with a minimum of 30 semester hours. Of these 10 courses, two specific courses are required of all candidates; the remainder are selected in consultation with the coordinator.

2. A grade point average of at least 3.00 for all graduate coursework.
3. Completion of the program within five years from admission to degree candidacy. Extension of time or reinstatement to the program after a lapse of time requires special permission of the Graduate Council and may entail additional course requirements. A re-entering student must fulfill the requirements of the catalog in effect at the time of re-entrance.

COOPERATIVE PROGRAMS

A cooperative program offered by the Graduate School and the University of Richmond School of Law enables a student to earn both a Juris Doctor and a master's degree. The program affords unusual opportunities for interdisciplinary study and research. In the recent past, students have combined their legal studies with graduate work in history, biology and liberal arts.

ADMISSION

Admission to the Graduate School is based on qualifications and space availability. **All students who wish to enroll in the Graduate School must apply and be accepted for admission.** A student may apply to the Graduate School before the bachelor's degree is conferred; however, the final acceptance, including permission to register, is dependent on the student's receiving the undergraduate degree (or, in the case of international students, its equivalent) and being otherwise acceptable to the graduate major department. In all cases, final acceptance and permission to register are given by the director of the Graduate School.

Students may be admitted in either of two categories:

Graduate student: a student engaged in a program leading to a master's degree

Non-degree seeking student: a student taking a course for graduate credit, but who is not pursuing a graduate degree. Not all programs accept students for nondegree seeking student status; a list of those that do can be obtained from the Graduate School office.

Application

Application for admission should be made on the application form in the back of this catalog or on a similar form requested from the Graduate School (also available from the Graduate School Web site: <http://asgraduate.richmond.edu>).

Persons may apply to only one program in the Graduate School at a time. Those not

admitted to the program of their first choice may reapply to another program by submitting a new application and fee.

Completed applications (including all supporting credentials, statements and letters) are due at the Graduate School on the following dates preceding the fall semester in which the applicant wishes to begin study:

Master of Arts

English	March 15
History	March 15
Psychology	February 10
Master of Liberal Arts	June 15

Master of Science

Biology	March 15
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Applications received after these dates will be reviewed if space is available in a given program. The Graduate School will be glad to inform prospective applicants if openings still exist in a program. Completed applications for the spring semester are due in the Graduate School Office by November 15; Psychology and History accept new students only for the fall semester.

Applicants are reminded that they should allow 4–6 weeks for GRE scores to be reported to the Graduate School. They should take such examinations far enough in advance for the results to reach the Graduate School on time. Those trying to meet a March 15 deadline, for example, should take their examination no later than February.

All application materials become the property of the Graduate School. Only manuscripts

and publications will be returned to applicants if requested. No materials will be reproduced or forwarded elsewhere for application purposes.

The completed application and supporting materials should be sent to:

*Director, Graduate School of Arts and Sciences
University of Richmond, VA 23173*

Admission as a Graduate Student

To be considered for acceptance as a graduate student, the applicant's file in the Graduate School office must include the following items:

1. A completed application form.
2. The \$30 application fee.
3. Official transcripts of all previous college work mailed directly to the Graduate School Office from the originating institutions.
4. Three letters of recommendation mailed directly to the Graduate School Office from persons qualified to evaluate the applicant's undergraduate record and potential for graduate study.
5. A Statement of Purpose.
6. **If the student's native language is not English**, scores on the Test of English as a Foreign Language (TOEFL), administered by the Educational Testing Services, Princeton, NJ 08541.
7. Any other documents required by a particular degree program. Please see the section titled Graduate Programs for the specific admission requirements of each program.
8. Students who are not permanent residents or U.S. citizens and who wish to study full-time in the graduate program must furnish evidence of adequate financial support in the form of a bank letter. For more information, please visit the Web at <http://oncampus.richmond.edu/academics/international/intstudents/immigration/graduatestudents.html>. For the current amount of finances required, please contact Krittika Onsanit at konsanit@richmond.edu. Once a student has been admitted and has provided evidence of adequate financial support, the International Student Advisor, Ms. Onsanit, will send the I-20 form necessary to apply for the F-1 student visa.

Admission as a Nondegree-seeking Unclassified Student

To be considered for admission as an unclassified student, applicants must submit the following:

1. A completed application form (no application fee required).
2. Official transcripts of all previous college work mailed directly to the Graduate School office from the originating institutions.
3. A Statement of Purpose.

Completed applications for unclassified student status are due at the Graduate School on the following dates:

To begin study fall semester:

August 1

To begin study spring semester:

December 1

Those who have been denied admission to a degree program may not apply for unclassified student status in the same academic year for which they requested admission. Unclassified nondegree-seeking students are not eligible for financial aid.

Admission as an unclassified student involves no commitment to admit the applicant as a degree-seeking graduate student. If an unclassified student decides to pursue a program leading to the master's degree, he or she must apply for admission and meet all the requirements in the section titled Admission as a Graduate Student.

Although there is no limitation on the number of courses an unclassified student may take, no more than six hours in three-hour courses and eight hours in four-hour courses taken as an unclassified student may later be applied to a graduate degree program.

Not all departments admit unclassified students and some do so with further restrictions. Information about specific department policies is available from the Graduate School Office. The student should consult with the appropriate departmental graduate coordinator before enrolling in any graduate-level course.

ACADEMIC PROCEDURES

Degree Candidacy

Admission to the Graduate School does not admit a student to candidacy for a degree. To be accepted as a degree candidate, a student must have met the candidacy requirements listed for that degree.

Registration

Information concerning matriculation procedures and schedules of classes will be mailed approximately one month before the opening of each semester to all currently enrolled students and to those who have been accepted for admission.

Students shall register each term according to the instructions published by the Graduate School and the University Registrar. A calendar is published concurrently with pertinent dates.

Students are able to register for classes through BannerWeb, a secure Web site that may be accessed over the Internet through the registrar's Web page at <http://oncampus.richmond.edu/academics/registrar/> or via the following link: <https://bannerweb.richmond.edu/>.

Through BannerWeb, students can register for classes, drop classes, view their class schedules, view grades for a specific term and view their unofficial University of Richmond transcript. Students are responsible for all activity on their BannerWeb account including PIN maintenance, registration and security. If a student has questions or needs assistance with any aspect of BannerWeb, he or she should contact the Office of the University Registrar at (804) 289-8639 or registrar@richmond.edu.

Once registered, students may change their registration (drop/add) according to the published schedule. For a regular term, generally adds and withdrawals without academic record may be made during the first two weeks of classes. After that time only withdrawals-with-record are possible. The grade to be recorded during the withdrawal-with-record period is left to the instructor's discretion. A fee is charged students who fail to

complete matriculation (payment of fees and registration for classes) by the close of registration on the dates indicated.

Limits of Work

A full-time student carries from nine to 16 semester hours in one semester. Full fees will be charged for nine semester hours or more. The maximum load for a graduate student in one semester is 16 semester hours.

A full-time student usually requires a minimum of one academic year and a summer session to complete requirements for a degree. A more typical period of full-time study is one and a half to two academic years.

All students are urged to bear in mind that graduate work requires much more time and effort for reading, research and organization of material than does undergraduate work and to make every effort to limit outside work. If outside employment is an economic necessity, students should consult their department coordinator concerning the advisability of limiting their academic load.

Audit

A student who wishes to audit a class without receiving credit must first obtain permission from the instructor and pay the specified fee for auditing. No change from credit to audit status or from audit to credit status may be made after registration.

Undergraduates in Graduate Courses (500-level)

Undergraduates (usually majors) with a GPA of at least 3.50 in the discipline and a 3.00 overall may enroll, under certain conditions, in 500-level graduate courses. Students must have at least four courses of advanced work in the discipline. Participation is by written permission of the instructor and the graduate coordinator.

Credit for undergraduates taking 500-level courses will be at the undergraduate level, and will be so noted on the student's permanent academic record.

Master's Degree Study, 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 Graduate School. To qualify for this option, a student must have passed at least 100 semester hours of coursework before beginning his/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 through the normal application process. Individual departments may set a higher minimum grade point average (both overall and in the major) for students seeking 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 no more than two in any given semester. Although a student who begins graduate study early 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.

ACADEMIC STANDARDS

Class Attendance

Each student is expected to attend all meetings of all classes, including lectures, seminars, laboratories and drills, in which he or she is enrolled. The specific attendance policy in each course, however, is determined by the instructor of the course, subject to the section on University Holidays below. The specific attendance policy for each course will be announced to the students and distributed on the course syllabus at the beginning of each semester.

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

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

during an absence. Acceptance of any excuse for an absence, other than those excused by the appropriate dean in the previous paragraph, and any provision for make-up, will be at the discretion of the instructor provided it is consistent with the announced policy for the course and with the University Holiday Schedule below. Missed classes, work, tests and/or excessive absences with or without good cause may result in a poorer grade, or failure, in the course.

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

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 school or department.

University Holidays

With the increasing diversity of the University community and the limited flexibility in setting the academic calendar, it is not possible to avoid some religious and secular holidays that are very important to some members of our faculty, staff and student body. However, the University is very sensitive to the special needs of those who need to observe such holidays and will make accommodations for them to make up the time missed if arrangements are made in advance.

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

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

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

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

beginning of each semester. Students should be aware that faculty may need to adjust these dates as necessary.

Grades

The evaluation of students' performance in classwork and examinations is indicated by letter grades. Grades in the *A* and *B* categories are necessary for graduate credit (see "Credit" below). These letter grades may be accompanied by a plus (+) or minus (-) to indicate a relative position within the grade category. *P* shows credit has been earned in a Pass/Fail course, and *Z* shows that a course was audited. *S* and *U* indicate satisfactory or unsatisfactory performance in nonacademic courses 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 45-day 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 all cases, it is the student's responsibility to make arrangements for and progress toward the completion of an incomplete course.

Not counting a *Y* grade given for thesis or internship courses and barring extraordinary reasons such as ill health, students may take no more than one incomplete (*I* or *Y*) in any given semester and carry no more than two at

any given time. Students who exceed the limit will not be allowed to enroll in further courses until they have cleared the excess incompletes.

Grade Point Average

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

The grade point average is based on two factors:

GPA Hours/Attempted Semester 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/semester hours attempted.

The accumulations and average are shown for the term on the student grade report. Also shown on the grade report is Earned Semester Hours/Passed Semester Hours which is the accumulation of academic semester hours in which the student has earned passing grades.

Grades are available through Banner Web. Students also can check grade changes, incomplete make-ups, and posting of transfer credits throughout the year. Grades are deemed correct unless notification is received by the University Registrar within three (3) months after the close of the term specified.

Academic Achievement

Students are expected to maintain at least a B (3.00) average to remain in the Graduate School. A student who earns less than B- (2.7) in two graduate courses will not be permitted to continue in the degree program. A student who has been dropped from a program must

reapply if readmission is desired. Readmission would not take place before the next application/admission cycle (i.e., one semester).

Graduate Course Credit

Graduate credit is allowed only for courses approved for graduate credit in which grades of B- (2.7) or better are received. No credit toward graduation will be given for an arts and sciences graduate course in which the student earns a grade lower than B- (2.7).

Certain undergraduate courses may be taken for graduate credit. Graduate students are expected to achieve at a higher level and to complete more work than the undergraduates in these courses. Undergraduate courses approved for graduate credit have course numbers below 500 and are shown in the Curricula section following. In registering, a student must indicate that an approved course below the 500-level is being taken for graduate credit; otherwise, the course will be counted as undergraduate. A student cannot change the level at which such a course is being taken after the first 10 class days in a semester. Courses taken for undergraduate credit cannot be counted toward hours required for a graduate degree even though undergraduate coursework may be required to remove deficiencies in preparation.

All work taken becomes a part of the student's permanent record regardless of the course level and whether it is taken to make up deficiencies, to earn professional certification, or as an elective.

Thesis Regulations

An advising committee shall be appointed for each candidate writing a thesis to complete his or her degree program. The committee will supervise the preparation of the thesis. The committee shall have a minimum of two faculty members from the candidate's department with the option of more readers at the discretion of the department. One member of the committee, with the approval of the director of the Graduate School, may be from outside the University, but cannot serve as chair. The chair of the committee shall be the candidate's principal advisor, but all members of the committee are expected to read and comment on the thesis.

Final copies of theses must be submitted to the Graduate School office for binding by the last Wednesday in March for May graduation and the first Thursday in August for August graduation. The master's degree will not be awarded, nor will a diploma be released, until the required number of copies for binding have been submitted and all binding and microfilming fees have been paid. The copies of the theses retained by the University are deposited in the author's home department, Boatwright Library and the University Archives. Theses in Boatwright Library are available to be checked out by library patrons and can be ordered by other institutions through Interlibrary Loan.

GRADUATION

Application for Degree

To graduate, students must file a degree application and comply with the graduation attendance policy. Degree applications for the May or August graduation must be filed in the Office of the University Registrar by the second Friday in September. Students who are enrolled in the summer term only and plan to graduate in August must file by the third Friday in June. Degree applications are available in the offices of the director of the Graduate School and the University Registrar.

Participation in Commencement

Degrees are awarded in person except by decision of the University not to do so. A student who expects to graduate at the spring commencement may request *absentia* status by explaining in writing the 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 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 Academic Calendar, and diplomas are mailed to those qualified.

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

Transfer Credits

It is assumed that all work for a master's degree will be done at the University of Richmond. Under certain circumstances, with the approval of the appropriate department and the director of the Graduate School, a maximum of six to eight semester hours may be accepted in transfer, but such credit may be transferred only after students have demonstrated the quality of their work in at least three graduate courses (minimum of nine semester hours) taken at the University of Richmond. All coursework transferred must be completed at an institution accredited as degree-granting by a recognized regional accrediting body for higher education at the time the coursework is completed. Only courses with the grade of *B-*(2.7) or better will be considered for transfer credit. Approval by the department and the director must be obtained in advance if a graduate student in a degree program plans to take work elsewhere for transfer credit.

Work in other graduate degree programs of the University may be applied to an M.A. or M.S. program only on the prior recommendation of the department and the approval of the director of the Graduate School.

FINANCIAL AFFAIRS

Fees: 2004–05 Schedule

	Semester	Year
General Fee: 9–16 semester hours inclusive	\$12,505.00	\$25,010.00
Over 16 hours: per hour	1,250.00	
Fewer than 9 hours:		
first 1–4 hours: per hour	430.00	
next 5–8 hours: per hour	1,250.00	

Other Fees

Campus vehicle permit (per year)	\$90.00	
Campus vehicle permit for daytime courses after 3 p.m.	25.00	
Thesis binding (per copy)	12.00	
Graduation regalia/fee.....	40.00	
Registration, change (per drop/add)	10.00	
Registration, late (payable before matriculation)	60.00	
General Fee Payment, late.....	60.00	
Fee is \$30 if account balance is under \$500.		

Meal Plans - Meals are served Monday thru Friday, three meals a day; *Saturday and Sunday, brunch and dinner. See Web page for details.*

Spider Max (Unlimited meals at HDC)	\$1,690.00	\$3,380.00
Spider 19 (19 meals/wk, one per meal period—valid HDC or Tylers)	1,465.00	2,930.00
Spider Red (15 meals/wk, one per meal period—valid HDC or Tylers)..	1,435.00	2,870.00
Spider Flex (Dining Dollars in all dining operations).....	832.00	1,664.00
Spider 5 (Five meals/wk, Mon.–Fri. at HDC or Tylers)	738.00	1,476.00
Spider Blue (Commuting Students Dining Dollars)	260.00	520.00

Optional Fees

Student Health Service	\$85.00	\$170.00
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- Single students not living on campus may pay this fee for which they will receive medical attention and Health Center privileges. Students not under a meal plan with the University dining center will be charged for meals while in the Health Center. The services of the University physician are available only in the Health Center.
- Information about a student accident and sickness insurance policy is available from human resources, (804) 289-8167.
- Regardless of the school of the University in which a course is taken, the student pays the tuition and fees of the academic school to which he or she has been admitted and which is considered the academic 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 2005–06 school year and will be announced as soon as possible.

Part-Time Students:

Classification and Fees

Graduate students who take fewer than nine semester hours of studies per semester are part-time students.

In order to serve as broad a spectrum of the community as possible, the Graduate School offers a special tuition remission to part-time graduate students from the greater-Richmond metropolitan area. The resulting reduced fee for the 2004-05 session is \$430 per semester hour rather than the regular \$1,250 per semester hour. The reduced rate applies to the first four, or fewer, hours of enrollment of qualified part-time students. A single course may carry three to four semester hours of graduate credit and would, therefore, cost \$1,290 or \$1,720 at the special reduced rate. Certain one-hour courses may also be taken in addition to a regular three-hour course at the reduced rate.

Note: The part-time fees apply only to students in the Graduate School of Arts and Sciences.

Payments

Inquiries concerning payment should be directed to the Office of the Bursar, phone (804) 289-8147 or (866) 241-8893 (toll free). E-mail us at bursar@richmond.edu Payment in full is due by the end of the first week of classes each term, whether or not an invoice has been received. Tuition payment options include:

1. Cash
2. Check, payable to the University of Richmond
3. Mastercard/VISA/AMEX or Discover—call Phonecharge at (877) 237-9734 (There is a convenience fee for using this service that is explained in detail during the phone call.)

Payments may be mailed to the Bursar's Office, Box R, University of Richmond, Virginia 23173.

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, withholding of transcripts and/or referral to a collection agency or attorney.

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

Fees For Degree Candidates

A degree candidate whose program includes the thesis must pay the fees for thesis binding. Payment is due at the beginning of the semester or term when the student expects to receive the diploma.

Degree candidates also will be charged a graduation fee. The fee is nominal and includes diploma fees, transcripts and academic regalia for the Commencement ceremony. The regalia, including the master's hood, are the student's to keep.

Further details are available from the Graduate School office.

General Fee 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 adapted for summer terms.

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

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

Tuition refund

Withdrawal on or before the first day of class	100% less deposits
Withdrawal during the first week of classes	85%
Withdrawal during the second week of classes	70%
Withdrawal during the third week of classes	50%
Withdrawal during the fourth week of classes	25%
Withdrawal during the fifth week of classes.....	25%
Withdrawal during the sixth week of classes	25%
Withdrawal after the sixth week of classes.....	None

Appeals Process

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

FINANCIAL AID

The University offers graduate students various forms of financial support drawing on state, federal and institutional resources. Financial aid is awarded without regard to race, color, religion, national origin, sex, disability or age. Applicants for financial aid must be enrolled or unconditionally accepted for enrollment on at least a half-time basis in a degree or certificate program at the University. Details on the specific aid programs are outlined below.

Although not all financial aid is awarded on the basis of need, all applicants interested in financial aid of any kind should complete the Free Application for Federal Student Aid (FAFSA). The FAFSA should be completed by mid-February to ensure its receipt by the processor no later than February 25. Applications are available in the Financial Aid office or students may apply online at www.fafsa.ed.gov.

Eligibility for financial aid is evaluated annually based upon completion of the FAFSA. In addition, to maintain eligibility for consideration for financial aid, students must be making satisfactory academic progress toward their degree. Graduate students must maintain a cumulative GPA of at least a 3.0 and students must pass at least 67 percent of coursework attempted. The maximum time-frame allowed for completion of a program is 150 percent of the program length (e.g., if the program requires 27 credit hours, the maximum number of hours attempted to complete the program cannot exceed 40 credit hours).

For information on and applications for financial aid, contact:

Financial Aid

University of Richmond, VA 23173

Telephone: (804)289-8438

E-mail: finaid@richmond.edu

Web: www.oncampus.richmond.edu/financialaid

Graduate Assistantships/Fellowships

The Graduate School awards a number of full- and partial-tuition assistantships on the basis of academic promise and/or need. They require up to 12 hours of service a week to the recipient's department or to the University.

There are also a limited number of service-free fellowships available to help students with living expenses. Among these are two endowed fellowships, the Spencer D. Albright Jr. and Margaret Hyatt Albright Fellowship for a student in history, and the Robert Poore Roper Memorial Fellowship. Both of these fellowships are reserved for students who demonstrate financial need per the FAFSA form.

Assistantships and fellowships awarded by the Graduate School are available only to full-time students and are usually awarded for the regular academic year (late August to early May). To be considered for an assistantship or fellowship, applicants must check the appropriate box on the Graduate School Application Form. Master of liberal arts degree students interested in an assistantship or fellowship are reminded that they must submit scores from the General Test of the Graduate Record Examination (GRE).

Virginia Tuition Assistance Grant

Grant funds for up to two academic years are available to graduate students who are bona fide Virginia residents. Students must be enrolled for full-time study and be making satisfactory academic progress. These applications are subject to final approval by the State Council of Higher Education. Applications are available in the Graduate School and the Financial Aid Office. The deadline is July 31.

Loans

The Federal Direct Loan program allows graduate students to borrow up to \$18,500 per year. The FAFSA and a Direct Loan application, available from the Financial Aid Office, must be filed. Students must be enrolled at least half-time and be making satisfactory academic progress.

Student Employment

On-campus employment opportunities may be available to graduate students through the Federal Work-Study (FWS) program or the University Work Program (UWP). Students must be enrolled on at least a half-time basis. The FWS is a need-based program. Students interested in this program must complete the FAFSA form and demonstrate eligibility. The UWP program is not need-based and most students are eligible for employment under this program. For more information and for job opportunities, please check the Student Employment Web site at <http://oncampus.richmond.edu/~urworkin/> or contact the Student Employment Office in Sarah Brunet Hall at (804) 289-8737.

RETURN OF FINANCIAL AID WHEN A STUDENT WITHDRAWS

A student who withdraws during a semester may be entitled to a refund of certain charges as outlined in the Refund Policy (see Financial Affairs section of this catalog). Withdrawal may also affect a student's financial aid eligibility for the semester as outlined in the federal Return of Title IV Program Funds Policy and the Return of Non-Title IV Program Funds Policy.

Return of Title IV Program Funds Policy

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

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

time, the student is considered to have earned all of the Title IV funds awarded for that semester.

Unearned Title IV funds must be returned to the Title IV programs. If the amount earned is greater than the amount that has been disbursed, the difference is treated as a late disbursement to the student. Unearned funds, up to the amount of total institutional charges (tuition, room and board) multiplied by the unearned percentage of funds, are returned to the Title IV programs by the University of Richmond. The student must return any portion of unearned funds not returned by the school. Only 50 percent of unearned grants funds must be returned. Title IV loans funds that must be returned by the student are repaid per the loan terms.

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

Return of Non-Title IV Program Funds Policy

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

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

Students who are receiving financial aid and who are planning to withdraw from the University during a semester are strongly encouraged to meet with a Financial Aid Advisor to review

the impact that their withdrawal will have on their institutional charges and on their financial aid for the semester.

Veterans Benefits

Students eligible to receive educational benefits under Veterans Readjustment Acts, or other laws for veterans, active service persons, children, wives or widows of deceased or disabled veterans, must submit applications to the Veterans Administration prior to registration. Certificates of eligibility must be presented to the Veterans Administration Coordinator, Registrar's Office, University of Richmond, VA 23173.

Residence Life Staff Positions

Opportunities to work as resident assistants in undergraduate residence halls are available for a limited number of graduate students. Those interested in working in women's residence halls should contact the associate dean of Westhampton College; those interested in working in men's residence halls should contact the dean of Richmond College. Application for these positions must be made by January 1.

CURRICULA

Designated courses numbered below 500 are open to both graduates and undergraduates, as explained in the section titled Graduate Course Credit under Academic Procedures. Graduate students enrolled in courses numbered below 500 for graduate credit are expected to achieve at a higher level and to complete more work than the undergraduates in these courses.

Courses numbered 500 and above normally are open to graduate students only; however, undergraduates may be admitted to 500-level courses under certain circumstances as outlined in the section titled Undergraduates in Graduate Courses under Academic Procedures.

Students may be required to take certain courses to remove deficiencies in their undergraduate work. Such courses are numbered below 500 and will not carry graduate credit in the particular student's program.

Not all courses listed by departments are offered every session. Schedules of specific courses to be offered will be distributed in advance of each regular semester and the summer session. The University reserves the right to make changes in the offerings as circumstances may dictate.

BIOLOGY

Valerie Kish, Chair

Professors de Sá, Hayden, Kish

Associate Professors Boland, Gindbart, Hill, Kingsley, Radice

Assistant Professors Knight, Runyan-Janecky, Smallwood, Stenger, Warrick

*Directors of Biology Laboratories Boone, Lessem, Reiner
Manager of Biology Laboratories Farrell*

A general description of the Master of Science program, with admissions and degree requirements, is on pages 16–19. Applicants must satisfy the general admission requirements.

In order to receive the master's degree students must, in addition to completing the program of graduate courses listed below, complete the following courses at the undergraduate level:

1. Twenty-eight semester hours of approved biology courses
2. One year of college chemistry
3. One year of college mathematics, including applications of statistics (Mathematics 129 or equivalent)

Physics and organic chemistry are strongly recommended. Students who have not completed one or more of these courses when they are admitted must make them up. They may be taken concurrently with graduate courses, but will not count as part of the 28 hours required for the M.S. degree. Degree candidates must take the Advanced Biology Test of the Graduate Record Examinations.

Twenty-eight semester hours are required for the degree, 15 of which must be at the 500 level, including Biology 525-528, Seminars I-IV, and Biology 549-550, Thesis.

A cooperative program offered by the Department of Biology and the University of Richmond School of Law provides for a student to earn the Juris Doctor and the Master of Science degrees. The program affords unusual opportunities for interdisciplinary study and research, and should appeal to students interested in environmental, forensic, patent and product liability issues. Information about the program may be obtained from the Department of Biology or the Law School.

503 Plant Morphology

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

505 Plant Anatomy

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

506 Systematic Botany

Identification and classification of vascular plants; emphasis on local flora; principles of systematics. Two lecture and four laboratory hours a week. *4 sem. hrs.*

507 Advanced Cell and Molecular Biology

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

508 Comparative Vertebrate Anatomy

Comparative anatomy and biology of several systems of organs of representative vertebrates. Two lecture and four laboratory hours a week. *4 sem. hrs.*

509 Invertebrate Zoology

Morphology, physiology, development and relationships of representative invertebrate animals. Three lecture and three laboratory hours a week. *4 sem. hrs.*

511 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. *4 sem. hrs.*

512 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. *4 sem. hrs.*

513 Microbial Pathogenesis

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

514 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

eucaryotes. Introduces methods of recombinant DNA and their application to fundamental biological problems. Three lecture and three laboratory hours a week. *4 sem. hrs.*

518 Field Biology

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

525 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. *4 sem. hrs.*

528 Vertebrate Zoology

Comprehensive survey of vertebrate classes emphasizing phylogeny, natural history and systematics. Two lecture and four laboratory hours a week. *4 sem. hrs.*

530 Ecology

Interrelationships of organisms and their environments. Three lecture and three laboratory hours a week plus two overnight field trips. *4 sem. hrs.*

532 Tropical Marine Biology

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

533 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. *4 sem. hrs.*

534 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. *4 sem. hrs.*

535 Freshwater Biology

Physical, chemical and biological properties of fresh waters. Three lecture and three laboratory hours a week. *4 sem. hrs.*

538 Comparative Animal Physiology

Introduction to major characteristics of animal function at the level of the whole organism and component structures and organ systems. Emphasis on physiological function and processes related to survival in the

natural environment. Topics include respiratory physiology, blood and oxygen transport systems, gut anatomy and digestion, energy metabolism, body size, pressure physiology (altitude, deep-sea and diving), temperature adaptation and heat balance, water relations, locomotion and biomechanics, and information control and integration. Three lecture and three laboratory hours a week. *4 sem. hrs.*

539 Physiology of Marine Organisms

Physiological adaptations of organisms to marine environments. Comparative studies of processes will be conducted from cellular to whole organismic levels. Three lecture and three laboratory hours a week. *3 sem. hrs.*

540 Introduction to Immunology

Overview of immunology. Current theories and their explanation of pertinent contemporary issues included. Three lecture and three laboratory hours a week. *4 sem. hrs.*

541 Animal Physiological Ecology

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

542 Biology of Cancer

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

543 Neurobiology

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

544 Behavioral Ecology

Introduction to analyses of behavior of organisms, including humans, by studies of how behavior affects survival and reproduction. Behaviors studied include foraging, aggression, cooperation and reproduction. Verbal, graphical and mathematical models to describe and predict behavior are studied and tested. Three lecture and three laboratory hours a week, may include overnight field trips. *4 sem. hrs.*

545-546 Seminar I and II

Selected topics. *1-1 sem. hrs.*

547-548 Seminar III and IV

Selected topics. *1-1 sem. hrs.*

549-550 Thesis

Research problem pursued under the guidance of a staff member. *2-2 sem. hrs.*

551 Special Topics

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

559-560 Research

Research problem pursued under the guidance of a staff member. This research may not be counted as thesis research and does not count in the 28 semester hours required for the master's degree. *2-2 sem. hrs.*

574 Evolutionary Biology of Lower Tetrapods

Introduce students interested in organismal biology to amphibians and reptiles to understand fundamental transitions in vertebrate evolution. *4 sem. hrs.*

580 Philosophical Issues in Evolutionary Biology

Philosophical problems within evolutionary biology and its influence on society. Issues range from how natural selection works (at what levels, to what ends), to how human traits (intelligence, sexual preference, altruistic and violent tendencies) may be influenced by our evolutionary history, and how such influences should be considered in our ethical and legal codes. Lecture/seminar format, with student oral presentations and term papers. *3 sem. hrs.*

583 Tropical Biology and Conservation

Introduction to tropical biology and conservation, including historical and economic components. *4 sem. hrs.*

584 Eukaryotic Genetics

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

ENGLISH

Raymond F Hilliard, Chair

Professors Dance, Givens, Hickey, Hilliard, Loxterman, Nelson, W.D. Taylor

Associate Professors, Gruner, Hewett-Smith, S. Jones, MacAllister, Russell, Schwartz, Tremaine

Assistant Professors Allen, Cheever, Grove, Larkin, Lurie, Marx, Saal

Director of Writing Center Essid

Students enrolling in the graduate program in English may choose between two M.A. tracks with different curricular requirements.

Track One: Master's Degree in English Literature

The program of study for the master's degree in English literature can be completed in one year. Students are required to take seven courses and a comprehensive examination administered at the end of July. Since the exam is administered through the University's Web site, it will not be necessary for students to reside in Richmond upon completion of their coursework. The one-year track, while open to domestic students, has been designed especially to make it more feasible for international students to earn a master's degree in the United States.

Track Two: Master's Degree in English Literature with an Interdisciplinary Concentration

Students enrolled in this program of study choose an area of concentration to be investigated within an interdisciplinary framework. Examples of interdisciplinary concentrations include American Studies, Women, Gender and Sexuality Studies, Renaissance Studies, Medieval Studies and Comparative Literature. Students may create their own concentrations depending on the availability of relevant courses. Completion of the degree requires 10 courses and a thesis. Three of these courses must be taken outside of the English department and must be relevant to the student's chosen area of concentration. Completion of this degree requires one and a half to two years. This option should be particularly attractive to students intending to continue their studies at the Ph.D. level, since it will allow them to acquire a significant degree of expertise in a particular field in preparation for more specialized research. The interdisciplinary component of this track should also appeal to students for whom the M.A. will be a terminal degree since it encourages the investigation of literary texts in the larger context of cultural production, and it offers a capstone experience through the process of thesis writing.

Track One and Track Two Requirements

In both tracks, students will have to meet the following curricular requirements:

1. One pre-1660 British literature course
One 1660-1900 British literature course
One American literature course

Some of these course requirements may be waived depending on previous coursework fulfilled by the student. In all cases, students must select their courses in consultation with the graduate coordinator. Students wishing to transfer graduate course credit from other institutions must apply to do so at the beginning of the program. Students may transfer no more than two courses.

2. Students must show competency in one foreign language. This requirement may be satisfied by:
 - a. Satisfactory completion of at least six semester hours of the language above the elementary level at the student's undergraduate institution.

- b. Placement at the student's undergraduate institution at a level equivalent to the end of the second year (intermediate level).
- c. The completion of six semester hours in the language above the elementary level in the course of graduate study at the University of Richmond.
- d. Satisfactory performance on an examination administered by the appropriate language department at the University of Richmond.
- e. Satisfactory performance on a standardized test approved by the English department.

Courses taken at the University of Richmond to satisfy the language requirement will not count toward the master's degree.

3. No more than three of the English literature courses in each track may be taken at the undergraduate level. For Track Two, courses outside the English department must be taken at the advanced level, and special work arrangements must be made with instructors to receive graduate credit for these courses.
4. Students in both tracks are required to participate in a series of orientation sessions offered by reference librarians at Boatwright Library at the beginning of the academic year. These sessions will introduce them to research methods and skills.

Track One Comprehensive Examination for Master's Degree:

In both tracks, students will have to meet the following curricular requirements:

- Students will be required to choose three out of a possible four literary texts to prepare for this exam (for example: a long poem or collection of poems, a play/film, a novel). Students will be expected to be very knowledgeable of the spectrum of relevant critical approaches to these works. The four texts will be selected by members of the English department and announced at the beginning of the second semester of study.
- The exam will consist of three questions, one on each work prepared by the student. Student responses will be limited to six typed pages per question, and students will have three days to complete the exam.
- The exam will be administered on Blackboard in the first week of August. Since the exam will be administered through the University's Web site, it will not be necessary for students to reside in Richmond upon completion of their coursework.
- Possible exam grades will include "Pass," "Fail," and "Honors."
- If students fail one or two of the three questions, they will be allowed to retake those sections within two months.

– Students are encouraged to contact relevant faculty for advice on developing a bibliography for each of the works they will be preparing.

English Courses

The 300- and 400-level courses listed are undergraduate courses that have been approved for graduate credit. Each of these courses has an additional graduate component that must be completed to receive graduate credit.

301 Literature of the Middle Ages

Studies in British and Continental medieval literature from *Beowulf* through the 15th century with attention to social, cultural, and political backgrounds. *4 sem. hrs.*

302 Literature of the English Renaissance

Studies in literature and cultural traditions of 16th- and early 17th-century Great Britain. *4 sem. hrs.*

303 Chaucer

Selected early works, *Troilus and Criseyde* and *The Canterbury Tales*, with attention to Chaucer's life in context of late 14th-century culture and ideology. *4 sem. hrs.*

304 Shakespeare. Comedies, Tragedies, Histories

4 sem. hrs.

305 Critical Approaches to Shakespeare

Selected plays, with attention to different modes of critical analysis. *4 sem. hrs.*

306 Milton

Detailed study of the life and work of John Milton with attention to cultural, political and intellectual backgrounds. Selected major and minor poems and prose with emphasis on *Paradise Lost*. *4 sem. hrs.*

310 Topics in British Literature Before 1660

Selected topics in British Literature from the 7th through the later 17th century, with attention to intellectual backgrounds and cultural context. Topics will vary by semester. May be taken more than once for credit. *4 sem. hrs.*

311 English Literature of the Restoration and 18th Century

Focus on representative British authors of the late 17th and 18th centuries. *4 sem. hrs.*

312 English Literature of the Romantic Movement

Focus on major British authors of the early 19th century with some attention to European currents and backgrounds. *4 sem. hrs.*

313 English Literature of the Victorian Period

Focus on representative British authors, 1832-1901, with attention to contemporary social, political, religious and scientific issues. *4 sem. hrs.*

320 Topics in British Literature 1660-1900

Selected topics in British Literature between 1660 and 1900. Topics vary by semester and may focus on a

single author, a theme or a genre represented in the literature of the period. May be taken more than once for credit. *4 sem. hrs.*

321 Early American Literature

Analysis of major texts produced in colonial British North America and the United States from the first European voyagers to North America in the early 17th century to the writers of the Early National Period. *4 sem. hrs.*

322 Literature of the American Revolution

Close study of major literary, political and cultural texts and concerns of the Revolutionary and Early National periods. May often focus on questions related to the formation of a distinctly American culture that arises in the written works of the time. *4 sem. hrs.*

325 Age of the American Renaissance

Readings in the traditional American Renaissance canon—Emerson, Hawthorne, Thoreau, Melville and Whitman—as well as other writers working in the period, such as Poe and Dickinson. *4 sem. hrs.*

326 From Revolution to Romanticism: American Fiction through 1860

Selected American novels and short fiction from the early national period through the Civil War, with attention to the political and cultural contexts of these works. *4 sem. hrs.*

330 Special Topic in American Literature before 1860

In-depth treatment of topics in American literature before 1860. Topics vary from semester to semester. *4 sem. hrs.*

331 Literatures of Africa

Survey of major writers from the African continent, with attention to historical and cultural contexts and to African oral traditions. *4 sem. hrs.*

332 Literatures of the Caribbean

Survey of Anglo-Caribbean literatures with emphasis on contemporary works. *4 sem. hrs.*

333 Literatures of South Asia

An exploration of the multiple strains of the Indian novel that have emerged since 1950. *4 sem. hrs.*

334 American Indian Literatures

An examination of non-Western elements of representative traditional and contemporary American Indian oral and written verbal art. *4 sem. hrs.*

335 Black Women Writers

Study of major works by black women writers from Africa, the Caribbean and the United States. Focus and content will be announced each semester. *4 sem. hrs.*

336 Literatures of Globalization

Selected contemporary fiction and criticism that considers problems of global economy, culture and language. *4 sem. hrs.*

337 Postcolonial Literatures

Survey of major debates and movements in postcolonial literature, with attention to cultural contexts. *4 sem. hrs.*

338 Versions of Tragedy

An exploration of the nature and function of tragedy in the West, based on a study of the theory of tragic drama and of representative works from the Greeks to the moderns. *4 sem. hrs.*

339 Epic Traditions

The development of the epic, including works by Homer, Virgil, Dante and James Joyce. Particular attention will be paid to the role of epic poetry in formulating notions of history and of national and cultural identity. *4 sem. hrs.*

345 Topics in World Literatures

Topics stated for term; may change from term to term. *4 sem. hrs.*

346 Twentieth-Century British Literature

Reflections of modern sensibility in fiction and poetry of native British and Irish authors and American expatriates. *4 sem. hrs.*

347 Topics in Twentieth-Century British Literature

Selected topics in British Literature 1900-2000. Topics vary by semester. May be taken more than once for credit. *4 sem. hrs.*

348 Modernist Sexuality

British fiction in the context of early 20th-century study on sexuality, including psychoanalysis, sexology and anthropology. *4 sem. hrs.*

349 Late Imperial Fiction

Late 19th- and early 20th-century British fiction and culture in the decades before decolonization. *4 sem. hrs.*

353 American Realism and Regionalism

American fiction of the late 19th century, with attention to the formation of a national literary culture and the concomitant development of regional voices. Authors studied may include Henry James, Mark Twain and Edith Wharton. *4 sem. hrs.*

354 Literature of the American South

Representative poetry and prose of the Southern states, with attention to cultural, social and political backgrounds. *4 sem. hrs.*

355 Race and Ethnicity in American Literature

Literature by American writers dealing with issues of racial or ethnic identity studied in relation to historical contexts. May be taken more than once as content changes. *4 sem. hrs.*

356 Twentieth-Century American Poetry

Analysis of representative works by major American poets, with demonstration of modern technical innovations and discussions of thematic concerns. *4 sem. hrs.*

357 From Modernism to Postmodernism: Twentieth-Century American Fiction

Attention to new concerns and new forms of fiction in the 20th century. *4 sem. hrs.*

358 African-American Women Writers

Representative prose and poetry written by African-American women. Focus and content announced each semester. May cover range of African-American literature from slavery to present. *4 sem. hrs.*

359 Contemporary American Literature

Close study of important recent texts (fiction, poetry and/or drama by U.S. authors or other contemporary writers who strongly influenced them) with respect to their special social, philosophical and aesthetic contexts. *4 sem. hrs.*

360 Studies in the American Novel

Selected American novels that may be drawn from the 18th century to the present; period or topic of study will vary. *4 sem. hrs.*

365 Modern Drama

British and American drama with attention to European backgrounds. *4 sem. hrs.*

366 Contemporary British and American Drama

Developments since World War II. *4 sem. hrs.*

368 History and Aesthetics of Film

Topics include major international directors, the conventions and innovations of popular genres, and key aesthetic movements. (Same as Art 370.) *4 sem. hrs.*

369 American Culture/American Film

Explores the intersection of American film and culture, with special attention to the dialogue between Hollywood and other institutions, ideologies and events. Specific topics vary from semester to semester. *4 sem. hrs.*

370 Literature and Film

Examines the filmic adaptation of literary works—the Shakespearean drama, the 19th-century novel—with particular consideration given to questions of genre, interpretation and historical relevance. *4 sem. hrs.*

372 Topics in Film

Topics vary from semester to semester. Possible subjects include New Deal Hollywood; Conspiracy: Hollywood and the Cold War; Seeing Red: Films of the 1950s. *4 sem. hrs.*

375 Critics since Plato

Ways of looking at art and literature in their philosophical context. Theories applied to variety of literary texts. *4 sem. hrs.*

376 Modern Literary Theory

Developments in literary theory from Formalism to the present. Schools and approaches include New Criticism, Feminism, Marxism, Structuralism, Deconstruction, Psychoanalytic Criticism, New Historicism and Cultural Studies. *4 sem. hrs.*

377 Poetics

How creative tools available to poets shape and influence presentation of theme. *4 sem. hrs.*

378 The Novel in Theory and Practice

Considers novels in the context of a variety of theoretical approaches, asking what theory can tell us about the novel and, equally importantly, what the novel can tell us about theory. *4 sem. hrs.*

382 Topics in Advanced Composition

Special topics in writing with emphasis on the writing process. Can be taken for credit up to three times with change of topic. *4 sem. hrs.*

383 Introduction to Composition Theory and Pedagogy

Serves as practicum for writing fellows and students seeking teacher licensure. *4 sem. hrs.*

389 Women and Creativity

Selected women writers, their work and relationship to their society. *4 sem. hrs.*

390 Interdisciplinary Studies in the Middle Ages and Renaissance

An interdisciplinary approach to the study of Middle Ages and Renaissance. Medieval and Renaissance perspectives on topics such as love, politics, individualism and the divine will be explored through study of selected works from literature, art, architecture, political theory, theology and philosophy of both periods. Modern historiographical studies will also be examined in order to evaluate strengths and weaknesses of period constructions. *4 sem. hrs.*

391 Themes and Methods in Comparative Literature

Interdisciplinary approach to selected themes or topics in comparative literature. While theme may vary from year to year, it will provide basis for the study of literary relations as they exist across various boundaries: generic, historical, disciplinary and linguistic. This course also will contain component on history and theory of comparative literature as a discipline, as well as brief unit on journals, bibliographies and resources particular to the discipline. *4 sem. hrs.*

398 Independent Study

Individually designed course of study conducted under supervision of faculty member. *1-4 sem. hrs.*

399 Selected Topics

Topics will vary from semester to semester. *4 sem. hrs.*

400 Junior/Senior Seminar

In-depth treatment of topics in genre, historical periods, critical theory and other areas of literary study. Topics vary from semester to semester. Recently offered topics include Romance, Picaresque Fiction, the Novels of George Eliot and Elizabeth Gaskell, and Poetry of the Native American Renaissance. English majors are expected to take one advanced seminar in

the junior year and at least one in the senior year. May be taken more than once for credit, provided topics are different. *4 sem. hrs.*

502 Chaucer

Selected works. *3 sem. hrs.*

503 Shakespeare

Selected plays with attention to different modes of critical analysis. *3 sem. hrs.*

505 Milton

Selected works. *3 sem. hrs.*

511 Medieval Literature

Selected medieval works. *3 sem. hrs.*

512 Renaissance Literature

Topics in Renaissance literature and culture: lyric poetry; romance and epic; Elizabethan and Jacobean drama; single authors; aesthetics, politics and history; interdisciplinary and comparative approaches. *3 sem. hrs.*

513 Restoration and Eighteenth-Century Literature

Selected works of such writers as Dryden, Swift, Gay and Pope. *3 sem. hrs.*

514 Romantic Movement

Various aspects of romanticism and selected Romantic works. *3 sem. hrs.*

515 Victorian Period

Major works of the Victorian period, including poems, novels and other prose writings, considered within the context of social and intellectual history. *3 sem. hrs.*

516 Ulysses: A Modernist Postcolonial Novel

3 sem. hrs.

520 The British Novel

Selected works by such major British writers as Defoe, Fielding, Austen, Dickens, Eliot, Conrad, Lawrence and Woolf. *3 sem. hrs.*

521 Early American Literature

Analysis of major texts produced in colonial British North America and the United States from the first European voyagers to North America in the early 17th century to the writers of the Early National Period. *3 sem. hrs.*

522 Literature of the American Revolution

Close study of the major literary, political and cultural texts and concerns of the Revolutionary and Early National periods. May often focus on questions related to the formation of a distinctly American culture that arise in the written works of the times. *3 sem. hrs.*

525 Age of the American Renaissance

Readings in the traditional American Renaissance canon—Emerson, Hawthorne, Thoreau, Melville and Whitman—as well as other writers working in the period, such as Poe and Dickinson. *3 sem. hrs.*

526 From Revolution to Romanticism: American Fiction through 1860

Selected American novels and short fiction from the early national period through the Civil War, with attention to the political and cultural contexts of these works. 3 sem. hrs.

531 Modern Drama

Selected British, American and Continental dramatists since Ibsen. 3 sem. hrs.

533 Literatures of South Asia

An exploration of the multiple strains of the Indian novel that have emerged since 1950: those "historical" novels written about the Raf and partition; those addressing the classic confrontation between India and the (usually) English Other; and those more recent works that do not defend or explain Indian-ness but instead explore notions of Indian subjectivity from within, and on, its own terms. 3 sem. hrs.

534 Literary Criticism

Thematic history of literary critics and philosophers. Application of theories to a variety of literary texts. 3 sem. hrs.

538 Versions of Tragedy

An exploration of the nature and function of a tragedy in the West, based on a study of the theory of tragic drama and of representative works from the Greeks to the moderns. 3 sem. hrs.

539 Epic Traditions

The development of the epic, including works by Homer, Virgil, Dante and James Joyce. Particular attention will be paid to the role of epic poetry in formulating notions of history and of national and cultural identity. 3 sem. hrs.

541 American Literature

Varied topics in American literature as announced each semester. 3 sem. hrs.

545 Topics in World Literature

3 sem. hrs.

550 Thesis Direction

3 sem. hrs.

553 American Realism and Regionalism

American fiction of the late 19th century, with attention to the formation of a national literary culture and the concomitant development of regional voices. Authors studied may include Henry James, Mark Twain and Edith Wharton. 3 sem. hrs.

568 History and Aesthetics of Film

Topics include major international directors, the conventions and innovations of popular genres, and key aesthetic movements. (Same as Art 370.) 3 sem. hrs.

569 American Culture/American Film

Explores the intersection of American film and culture, with special attention to the dialogue between Hollywood and other institutions, ideologies and events. Specific topics vary from semester to semester. 3 sem. hrs.

570 Literature and Film

Examines the filmic adaptation of literary works—the Shakespearean drama, the 19th-century novel—with particular consideration given to questions of genre, interpretation and historical relevance. 3 sem. hrs.

572 Topics in Film

Topics vary from semester to semester. Possible subjects include New Deal Hollywood; Conspiracy: Hollywood and the Cold War; Seeing Red: Films of the 1950s. 3 sem. hrs.

573 Special Studies Seminar

3 sem. hrs.

574 Independent Study

Individually designed course of study under supervision of a graduate faculty member. 1-3 sem. hrs.

HISTORY

Hugh A. West, Chair

Professors Bak, Gordon, Kenzer, Summers, Treadway

Douglas Southall Freeman Professors Daniel E.

Sutherland (Spring 2004), Shula Marks (Spring 2005)

Associate Professors Holton, Mack-Shelton, H. West

Assistant Professors Basso, Blecher, Brandenberger,

Drell, Lam, Watts

Affiliated Faculty: Leary (University Professor),

Roberts (Continuing Studies), Stevenson (Classics),

Wheeler (Classics)

A general description of the Master of Arts program, with admission and degree requirements, is included in the Graduate Program section. For admission to the program in history, an undergraduate major in history or its equivalent is preferred. It is strongly recommended that applicants without a history major have a minimum of 18 semester hours of undergraduate work in history.

The degree requirements are as follows:

Thesis Option

1. History 500 (4 hrs). Historiography: An introduction to the variety of approaches and methods used by contemporary historians.
2. History 510, 520 or 530 (4 hrs). Core Readings in U.S., European or World History. Independent reading from a list of leading books in one of these major fields. Culminates in an oral examination.
3. History 560, 570 or 580 (4 hrs). Research Seminar in U.S., European or World History. Focused research in one of these major fields. Topics will vary from semester to semester.
4. Two electives (8 hrs. total). Courses of the student's choice, selected from lecture courses, colloquia, research seminars or directed study.
5. History 598-99 (8 hrs. total). Thesis. Extended research and analysis of primary sources. In the first semester, the student will prepare a proposal to present to his or her thesis committee.

Non-Thesis Option

1. History 500 (4 hrs.)
2. History 510, 520 or 530 (4 hrs.)
3. Three research seminars (4 hrs. each)
4. Two electives (4 hrs. each)

History Courses**Period Courses**

Graduate students may use 200-level period courses as the basis for further in-depth study. *4 sem. hrs.*

U.S. History

- HIST 200 Colonial America
 HIST 201 The American Revolution
 HIST 203 The Old South
 HIST 204 The Civil War and Reconstruction
 HIST 205 Late Nineteenth-Century America
 HIST 206 American Society and Culture, 1920-1950
 HIST 209 African American History to 1865
 HIST 210 African American History since 1865
 HIST 211 History of African American Women
 HIST 212 The Civil Rights Movement
 HIST 213 African American Cultural History

European History

- HIST 220 The Aegean Bronze Age
 HIST 221 Classical Greece
 HIST 222 Hellenistic Greece and Republican Rome
 HIST 223 The Roman Empire
 HIST 224 European Women and Gender before Suffrage
 HIST 225 Medieval Italy
 HIST 226 The Early Middle Ages
 HIST 227 The High Middle Ages
 HIST 228 The Renaissance
 HIST 229 The Reformation
 HIST 230 England to 1688
 HIST 231 England from 1688 to Present
 HIST 232 Tudor England, 1485–1603
 HIST 233 Stuart England, 1603–1714
 HIST 234 Georgian Britain, 1714–1837
 HIST 235 France, 1589–1815
 HIST 236 Russian Empire, Soviet Union, and After
 HIST 240 Modern European Thought, 1650–1850
 HIST 241 Modern European Thought since 1850
 HIST 242 Modern Germany
 HIST 243 Modern Britain
 HIST 244 The Hapsburg Empire and After
 HIST 245 Modern Balkans
 HIST 246 Russia in Revolution, 1905–1934

- HIST 247 Modern Ireland
 HIST 248 European Diplomacy from Bismarck to Hitler
 HIST 249 Twentieth-Century Europe

World History**Asia**

- HIST 250 Modern Asia
 HIST 251 Introduction to Chinese Civilization
 HIST 252 Modern China
 HIST 253 Empires and Nations in Modern East Asia
 HIST 254 Modern Japan

Latin America

- HIST 261 Modern Latin America
 HIST 262 The Making of Modern Brazil

Middle East

- HIST 271 The Modern Middle East
 HIST 272 Palestine, Zionism and the Arab-Israeli Conflict

Africa

- HIST 280 Modern Africa
 HIST 281 Africa, c. 1500 to c. 1900
 HIST 282 Africa in the Twentieth Century
 HIST 283 South Africa since 1500

International and Comparative

- HIST 290 British Empire and Commonwealth
 HIST 291 History of Canada
 HIST 293 The Vietnam Conflict
 HIST 294 What is Imperialism?

Special Topics

- HIST 299 Special Topics: Periods and Regions

Colloquia

Graduate students may participate in 300-level department colloquia, explorations by small groups of students of the state of knowledge and interpretation on some focused theme. Classes are discussion only, emphasis is on historical argument, and writing will be predominantly papers. *4 sem. hrs.*

U.S. History

- HIST 300 Early American Women
 HIST 301 The Civil War in Film and Literature
 HIST 302 History and Culture of the U.S. West
 HIST 303 Psychology in American Society and Culture

European History

- HIST 320 Family, Sex and Marriage in Early Modern Europe
 HIST 321 History of Work in Europe

World History**Asia**

HIST 340 Imagining the Other: China and the West

HIST 341 The Politics of Asian-Pacific War Memories

Middle East

HIST 370 Land and Power in Palestine and Israel: Advanced Readings in the Arab-Israeli Conflict

Africa

HIST 380 Women and Gender in African History

International and Comparative

HIST 390 Food and Power in Africa and Asia

HIST 392 Logics of Empire: French Imperialism in the 18th–20th Centuries

Special Topics

History 399 Special Topics: Focused Themes

Master of Arts Foundation Course**500 Historiography**

Introduction to principles and practices of historical writing. Although some attention will be paid to the history of historical writing since classical times, the focus will be on contemporary modes of historical writing. *4 sem. hrs.*

Reading Seminars**510 Core Readings in United States History**

Examination through readings and discussion of a selected issue, theme, or period in American history. *4 sem. hrs.*

520 Core Readings in European History

Examination through readings and discussion of a selected issue, theme, or period in European history. *4 sem. hrs.*

530 Core Readings in World History

Examination through readings and discussion of a selected issue, theme, or period in world history. *4 sem. hrs.*

Research Seminars**560 Research Seminar in United States History**

Focused research in U.S. history. *4 sem. hrs.*

570 Research Seminar in European History

Focused research in European history. *4 sem. hrs.*

580 Research Seminar in World History

Focused research in world history. *4 sem. hrs.*

Independent Study Courses**590 Directed Study**

An individually designed program of reading or research and writing under the direction of a member of the graduate history faculty. Repeatable for credit

toward the degree only with permission of department. *1–4 sem. hrs.*

598 Thesis Formulation and Research

Student will prepare a proposal to present to his or her thesis committee. *4 sem. hrs.*

599 Thesis Research and Writing

Research and writing of a thesis under the supervision of a director assisted by two other members of the graduate history faculty. *4 sem. hrs.*

MASTER OF LIBERAL ARTS

MLA Committee: Professor Eakin (Religion, Coordinator), Givens (English), Simpson (Classics), and Hoke, ex officio (Mathematics, Director of the Graduate School).

Faculty from a variety of liberal arts disciplines offer courses which may be taken for credit toward the MLA degree.

A general description of the Master of Liberal Arts program, with admission and degree requirements, is included in the Graduate Programs section.

Ten approved courses are required for the degree. MLA 500 (Area I) is required and should be taken no later than the second course credited toward the student's MLA program. MLA 599 (Area III) should be taken as the final course in the program.

Working with the program coordinator, the student chooses a topic, focus, or theme that guides the selection of the remaining eight courses. These courses may be chosen from those listed in Area II when offered or more often from other courses offered for graduate credit throughout the Arts and Sciences curriculum. Students might, for example, choose to focus their studies on such topics as women's experience, the American experience, Latin America, Jewish-Christian traditions, the art and literature of a particular era such as the Classical Age, the Middle Ages or the Victorian period, or on the contemporary or historical problems of an area of the world, etc. Within this focus, the student will arrive at a narrower focus for the final project which will be completed in MLA 599.

LIBERAL ARTS COURSES

Area I: One Course Required**500 Methods and Themes in Liberal Studies**

This core course will provide an overview of modes of inquiry, analysis and research particular to at least two of the following fields of study: Historical Studies, Literary Studies, Social Analysis, and the Visual and Performing Arts. A special theme (which may vary from term to term) will provide focus for the practical application of these methodologies. It will also emphasize writing skills, relevant computer technologies and library use. To be offered in fall and summer semesters. Must be taken no later than the second course credited toward the student's program. *3 sem. hrs.*

Area II: Eight courses chosen from those listed below when offered or more commonly from other approved graduate offerings.

501 Greco-Roman Basis of Western Civilization

Survey of Greek and Roman achievements in politics, literature, art and philosophy, and critical analysis of the legacies of Greece and Rome in the medieval, renaissance and modern worlds. Greek and Roman values will be contrasted with those of at least one non-Western culture. *3 sem. hrs.*

502 The Drama of Ancient Athens

Surviving plays of Aeschylus, Sophocles, Euripides, Aristophanes and Menander. Conditions of the Athenian stage, contemporary historical circumstances as related to the plays. *3 sem. hrs.*

503 Pagan and Christian: Conflict of Interest in the West, A.D. 14–430

Political management of Roman Empire and anomaly of Christian thought working to achieve dominance over the chief images and ideas of pagan literature. Continuity of the bureaucracy, growth of Christianity and synthesis of the new theology with Greek philosophy. Economic and theological conflict between East and West. *3 sem. hrs.*

504 Greek Philosophy: A Twentieth-Century Perspective

Historical and philosophical examination of representative selections translated from the classic Greeks. Special attention to Plato-Socrates, Aristotle, the Epicureans and the Stoics. Emphasizes those issues which bear upon contemporary problems about man, society, morals, religion and law. Exploration of the roots of contemporary problems and solutions in the philosophical debates of Greek antiquity. *3 sem. hrs.*

505 The Past as Myth and Reality

The past's relevance to the present, problems of historical objectivity, and making of historical myths. Role of myth in forming historical consciousness and determining political behavior. Positive and negative aspects of selected subjective interpretations of the past. *3 sem. hrs.*

510 Jewish and Christian Basis of Western Civilization

Jewish and Christian religious experience in Western culture, emphasizing issues such as the Biblical bases undergirding and guiding the faith communities; Jewish and Christian relationships; the correlation of religious experience with individual and corporate values; and various cultural manifestations of faith's commitments, as in art, literature and architecture. *3 sem. hrs.*

511 Social and Economic Life in the Middle Ages

Change and stability in the medieval period: persistence of rural life and customs with growth of trade and cities; social classes of medieval Europe

viewed in theoretical and functional ways; role of women; nature of material life. *3 sem. hrs.*

512 Faith and the Church in the Middle Ages

Development and role of institutional church and nature of lay piety in the Middle Ages, with emphasis on topics such as the papacy and monasticism and beliefs and practices of lay people. The church as an "umbrella" institution influencing behavior at all levels of society: education, marriage, beliefs in death and after-life, culture, et al. *3 sem. hrs.*

513 Reformation

Protestant and Catholic reformations and their impact on political, social and economic conditions. Emphasis on religious and political thought. *3 sem. hrs.*

514 The Renaissance

Europe in early modern times. Emphasizes Italian Renaissance, nature of humanism and flowering of arts, literature and learning. *3 sem. hrs.*

515 Britain in the Georgian Era

Selected topics in the constitutional, political, diplomatic, economic, social and cultural history of England, Scotland and Ireland from the establishment of the Hanoverian dynasty in 1714 to the accession of Queen Victoria in 1837. *3 sem. hrs.*

516 The Middle East, Past and Present

Islam in the past and Arab nationalism in the present. Attention given to continuity of institutions, ideas and practices from the simpler past to the political, economic and social complexities of the 20th century. *3 sem. hrs.*

520 Italian Renaissance Art

Visual arts of Italian Renaissance as they developed from early 13th century through early 16th century. Art of the period against political, social, economic and religious background of the era to emphasize the close relationship between Italian life and art. *3 sem. hrs.*

521 Northern Renaissance Art

Fifteenth- and 16-century Northern Renaissance art presenting the works of major artists from Jan Van Eyck through Pieter Bruegel the Elder, considered within their historical and cultural contexts. *3 sem. hrs.*

522 The Arts in Renaissance England

Study of principle works of painting, sculpture and architecture which characterized Renaissance developments in England. Attention to political, social, economic and religious background of the era with particular emphasis on relationship between literary and artistic achievements of the time. *3 sem. hrs.*

523 Mannerism and the Baroque

Study of European art from early 16th century to about middle of 18th century with emphasis on social and cultural background of selected important works of architecture, sculpture and painting. *3 sem. hrs.*

524 Foundations of Modern Art

Ideas, themes and developments from 18th century through the Age of Revolution that serve as a background for contemporary art. Emphasis on the visual arts with pertinent developments in music also cited. *3 sem. hrs.*

525 Artists, Creativity and Aesthetics

Visual art and music from viewpoint of the artist. What is an artist? What motivates the artist? How does the artist conceive of his or her work? Emphasis on meaning of creativity and on relative importance of skill and imagination in artistic enterprise. *3 sem. hrs.*

526 Contemporary Theater

Theory and creative processes of modern dramatic production through seminars, reading of plays and observing and participating in the production of plays. Introduction to major theories of playwriting, acting, directing and design. *3 sem. hrs.*

527 Introduction to Music and Music History

Study of selected compositions representative of Western musical tradition from 18th through 20th century. Emphasis on cultural climate leading to development of various musical forms and styles. *3 sem. hrs.*

529 Nineteenth-Century Art

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

530 America in the Twentieth Century

Significant transformations in American character, culture and institutions in the recent past. Emphasis on how these changes have affected the quality of life in America. *3 sem. hrs.*

531 Social Conflict in Contemporary America

Conflicting attitudes and values that contribute to the existence of contemporary American social problems and intergroup conflict—between blacks and whites, rich and poor, old and young, men and women, urbanites and suburbanites, radicals and liberals, and intellectuals and the rest of society. Extent to which such social conflict constitutes a threat to society, and of possibility and ways of achieving greater consensus and cooperation. *3 sem. hrs.*

532 Evolution and American Social Thought

Introduction to Charles Darwin's theory of biological evolution and Herbert Spencer's theory of social evolution, followed by survey of American social thought especially influenced by evolutionary theory. Writings of representative figures in various fields of culture, such as religion, literature and law. Concludes with analysis of "sociobiology," a contemporary attempt to apply evolutionary theory to study of society. *3 sem. hrs.*

533 The Future of Urban Life in America

Nature of urban crisis in contemporary America and the prospects for solving problems that have contributed to its existence. Recent creative solutions critically evaluated from the perspective of various humanistic theories of urban life, especially those concerned with the whole man and the ethical and aesthetic principles that underlie the ideal of a good city. *3 sem. hrs.*

534 Race and Society in America

Major ideas about and attitudes toward ethnic minorities, such as Blacks, Indians, Jews and Mexican-Americans, and how these ideas and attitudes were implemented or expressed in law, education, religion and other social institutions. Historical framework for understanding contemporary race relations in America. *3 sem. hrs.*

535 Twentieth-Century Art

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

536 Art of the United States

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

537 Studies in the History of Photography

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

540 Principles of Literary Criticism

Major approaches, traditional and modern, to the study of literature. *3 sem. hrs.*

541 The Victorian Sage: Nineteenth-Century British Literature and Social Thought

Major social, political, religious, and scientific concerns of late 19th century as presented by British writers such as Tennyson, Browning, Carlyle, Arnold, Ruskin, Dickens, Eliot, Trollope, Hardy and Morris. Shows how major issues of the day were shaped and defined by the Victorian "prophets" and how these issues in turn largely determined form and content of major writings of the period. Continuity of these issues with socio-political concerns of 20th century. *3 sem. hrs.*

542 Studies in European Literature of the Twentieth Century

Selected subjects in contemporary European literature. *3 sem. hrs.*

543 Studies in American Literature of the Twentieth Century

Selected subjects in contemporary American literature. *3 sem. hrs.*

544 Representations of Women in Literature

Female experience as portrayed in novels, plays, poems and stories. Relationship between literary stereotypes of women and society's attitudes toward women. Emphasis on major changes that have occurred in treatment of women by both writers and society. *3 sem. hrs.*

551 Major World Religions in the Twentieth Century: The Religious Dimensions of Life in Contemporary Faith

How life is experienced by the educated, devout adherent of Hinduism, Buddhism and Islam. Contrasts with Jewish and Christian emphasis. Comparison of religious themes such as interpretations of death experiences, resources for meeting personal crises, and anticipations of life after death. *3 sem. hrs.*

552 Symbolism in Religion, Literature and Art

Nature of the expressive symbol and role it plays in human life, as outlined by two or more such thinkers as Paul Ricoeur, C.G. Jung and Paul Tillich. Theories applied, criticized and adapted in study of selected materials from religion, literature and the plastic arts. Interdisciplinary attempt to arrive at adequate understanding of man's myth-symbol-creating proclivities. *3 sem. hrs.*

553 American Judaism

Role of Jews from their entrance into New Amsterdam in 1654 until present, with emphasis on major immigration periods, emergence of anti-Jewish reactions, selected significant personalities and some major contributions of Jews. *3 sem. hrs.*

555 The Bible and Western Heritage

The origin and transmission of the Bible in English, methodologies for Biblical interpretation, with special attention to passages which have had significant cultural impact or which are the focus of interpretive controversy. *3 sem. hrs.*

556 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. *3 sem. hrs.*

557 The Bible as Literature

Analysis of literary and historical methodologies for interpreting Biblical text. Attention to both intention of author(s) and message understood by recipients. Emphasis on student's direct involvement in the exegetical process. *3 sem. hrs.*

560 The Conceptual Development of Modern Science

Historical consideration of events and philosophies which have led to establishment of contemporary thought and practice in the sciences. *3 sem. hrs.*

561 Revolutions and Reactions

Nature, causes and ideologies of revolutionary and counter-revolutionary movements, with concentration on and comparison of major revolutionary upheavals of the modern era, including those which occurred in France (1789–1799) and Russia (1905–1920). Contemporary revolutionary ideas and movements. *3 sem. hrs.*

562 Issues in Political Theory

Consideration of such questions as: Why should government be respected and laws obeyed? How much dissent should a society allow? Can religious liberty and freedom of conscience be defended? To what extent should government determine the beliefs of the people? Is there a natural law or a natural right? Can society be improved through politics? To what extent can and should there be government by the people? How "equal" should people be? *3 sem. hrs.*

563 History of Human Freedom

Theoretical analysis of freedom and a history of its existence and growth vis-à-vis primitive cultures, Judeo-Christian religion, Greek philosophy, natural law, science, capitalism, liberalism, Marxism and modern art. *3 sem. hrs.*

564 Post-Modernity and Self-Identity

How individuals cope with post-industrial era, creation of meaning for their lives amidst larger social trends. Transition from industrial, factory-oriented to digital/information society compartmentalized everyday life. Study of more complex choices individuals face about career, love, life, family, parenting, hobbies, residence, friendships and memberships in causes and associations (church, clubs, interest groups, etc.) in post-modern days. How human needs, wants and hopes find different forms of social expression in process of identity-making. How we develop resources to cope with social forces of post-modernity, and consequences we face as we try to live meaningful lives. *3 sem. hrs.*

565 Identity and Society

Selected readings explore the interplay between self and society in formation of human identity. Philosophical, historical and sociological explanations for the role of society and the individual in processes of socialization, social integration and development of human identity are examined. *3 sem. hrs.*

570 Directed Study

Requires prior approval of coordinator. *1-3 sem. hrs.*

598 Special Topics

Special course offered when sufficient faculty and student interest exists in subject matter not covered in existent and/or available courses. May be repeated for credit when topics vary. *1-3 sem. hrs.*

Area III: One Course Required**599 Seminar in Liberal Studies**

Discussion of selected readings designed to assist student's drawing meaningful closure to the MLA program. Each student will develop a final project growing out of theme, interest or topic that has served to integrate student's program. Sharing of preparation and results of the projects will be an essential component of the course. Course to be offered both spring semester and summer term each year and should be taken as final course in student's program. *3 sem. hrs.*

PSYCHOLOGY

Scott T. Allison, Chair

Professors Allison, Kinsley

Associate Professors Berry, Kozub, Li, Sholley

Assistant Professors Abrams, Bagwell, Crawford

Clinical Assistant Professors Churchill, Stott

A general description of the Master of Arts program, including admission and degree requirements, is on pages 16–19. An undergraduate degree in psychology is preferred for admission; however, applicants with especially strong records in other disciplines will be considered. Completion of equivalent undergraduate coursework in introductory psychology, statistics and experimental psychology is required for matriculation.

For the Master of Arts degree:

Successful completion of qualifying exam and 36 semester hours of coursework acceptable to the department, including the proposal and defense of an original thesis. During the two-year program, students will take the following courses:

**First year/first semester
(10 semester hours):**

Psychology 501, 502 or 503, 4 hours

Psychology 537, 4 hours

Psychology 540, 3 hours

**First year/second semester
(11 semester hours):**

Psychology 501, 502 or 503, 4 hours

Psychology 530, 1 hour

Psychology 538, 3 hours

Psychology 541, 3 hours

**Second year/first semester
(8 semester hours):**

Psychology 501, 502 or 503, 4 hours

Elective, 4 hours

**Second year/second semester
(7 semester hours):**

Elective, 4 hours

Psychology 599, Thesis, 3 hours

PSYCHOLOGY COURSES**Course Series 436-449 and 500:**

Prerequisites: Permission of the instructor. Students also may take elective courses outside of the Department of Psychology contingent on approval of thesis committee.

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 the psychology of group formation, group conflict, group decision making and intergroup relations. Emphasis is on the critical analysis of current theory and research on collective phenomena. *4 sem. hrs.*

440 Advanced Neuroscience

Advanced interdisciplinary examination of field of neuroscience, including biochemistry of the neuron, biology of the brain, and creation of psychology out of nervous tissue. *4 sem. hrs.*

441 Clinical Neuroscience

Examination of ways in which brain function is modified to create symptomatology and syndromes that comprise clinical topics in psychology. The contrast between psychological and biological bases of disorder is considered. *4 sem. hrs.*

442 The Neurobiology of Relationships

Examination of complex array of behaviors that animals display toward each other from the perspective of evolutionary pressures that shaped extant neurobiology. Focus on inextricable link between human and animal origins. *4 sem. hrs.*

449 Advanced Seminar

Special intensive seminar offerings based on student demand and faculty availability. *4 sem. hrs.*

500 Internship

Opportunity for practical experience in a variety of applied community settings. *3 to 6 sem. hrs.*; however, hours do not count toward degree requirements.

Course series 501-503: Core Area Courses

Each course is a combination of a 400-level elective course and an intensive personalized tutorial that is tailored to the needs and interests of the individual student and that complements the in-class material. Each tutorial will involve extensive readings in the primary literature of the field and is developed in consultation with individual instructors.

501 Biological Bases of Behavior

In-depth examination of biological and neuroscientific explanations of behavioral phenomena, accompanied by comprehensive readings in the areas of sensation, perception and neuroscience. *4 sem. hrs.*

502 Social Bases of Behavior

Critical overview of social psychology, with emphasis on conceptual and empirical work on social cognition, social influence, human diversity and group dynamics. *4 sem. hrs.*

503 Cognitive, Affective and Developmental Bases of Behavior

In-depth examination of the architecture, function and development of the mind. Focus is on information and emotion as consequences of the input, encoding and output of knowledge and experience. *4 sem. hrs.*

Course 530: Ethical Principles in Psychology**530 Professional Ethics**

A review of APA Ethical Principles of Psychologists and relevant professional issues and dilemmas in psychology. Graded pass/fail. *1 sem. hr.*

Course series 537-599: Research**537 Advanced Statistical Methods & Research Design**

Methods of research in psychology and descriptive, correlational and inferential statistical approaches. Emphasis on correlational and experimental designs and on analysis of variance and regression. *3 sem. hrs.*

538 Multivariate Statistics

Multiple variable research design and applied multivariate analyses, including multiple regression, factor analysis and multivariate analysis of variance. *4 sem. hrs.*

540-541 Research

First-year research project completed in collaboration with faculty mentor. *3-3 sem. hrs.*

599 Thesis

Individual research project approved by departmental thesis committee and supervised by departmental faculty member. *3 sem. hrs.*

COURSES FOR GRADUATE CREDIT IN DEPARTMENTS NOT OFFERING A MASTER'S DEGREE

With special permission of his or her graduate coordinator, a student may select courses from the following groups either as a declared graduate minor or as part of a graduate major. Qualified special students not in degree programs also may take these courses for graduate credit, subject to the approval of the appropriate departmental chair.

American Studies

- 321 American Immigration and Ethnicity. (Same as History 321.) *3 sem. hrs.*
398 Selected Topics. *3 sem. hrs.*

Anthropology

- 300 Gender in Cross-Cultural Perspectives. *3 sem. hrs.*

- 301 Dependency and Development: An Introduction to the Third World. *3 sem. hrs.*

- 304 Ritual, Witchcraft & Divination. *3 sem. hrs.*

- 307 Native American Heritage. *3 sem. hrs.*

- 308 Peoples of Latin America. *3 sem. hrs.*

- 326-327 Directed Independent Study. 1-3, *1-3 sem. hrs.*

- 338 Peoples of Africa. *3 sem. hrs.*

- 339 Peoples of the Pacific. *3 sem. hrs.*

- 379 Selected Topics. *3 sem. hrs.*

- 388 Individual Internship. Supervised independent field work. *Prerequisite:* Permission of department. *3 sem. hrs.*

Art and Art History

- 301 Greek Art and Archaeology. (Same as Classics 301.) *3 sem. hrs.*

- 302 Roman Art and Archaeology. (Same as Classics 302.) *3 sem. hrs.*

- 303 The Aegean Bronze Age. *3 sem. hrs.*

- 310 Late Antique and Early Christian Art and Architecture. *3 sem. hrs.*

- 311 Medieval Byzantine Art and Architecture. *3 sem. hrs.*

- 312 Medieval Art in Western Europe. *3 sem. hrs.*

- 313 Art of the United States. *3 sem. hrs.*

- 319 Advanced Seminar. *3 sem. hrs.*

- 322 Museum Studies. *3 sem. hrs.*

- 365 Art Theories and Methodologies. *4 sem. hrs.*

Chemistry

- 326 Biochemistry. Three lecture and three laboratory hours a week. *4 sem. hrs.*

- 419 Advanced Inorganic Chemistry. *3 sem. hrs.*

- 433 Special Topics. *1-3 sem. hrs.*

Chinese

- 495 Independent Study. Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of instructor. *1-3 sem. hrs.*

- 497 Selected Topics. Special interest topics offered at department's discretion. *1-3 sem. hrs.*

Classical Studies**Classics in English****301 Greek Art and Archaeology**

Architecture, painting and sculpture of Greece; techniques by which these were produced and are reclaimed and displayed. *3 sem. hrs.*

302 Roman Art and Archaeology

Architecture, painting and sculpture of the Roman world. *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 a prominent theme and related theories of literary interpretation. *3 sem. hrs.*

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.*

306 The Classical Tradition

Legacy of classical Greece and Rome in medieval and modern worlds. *3 sem. hrs.*

307 Myth and Film

Study of use of ancient myth in modern cinema. *3 sem. hrs.*

308 Women in Greece and Rome

Structure of Greek and Roman societies based on analysis of the position of women within them. Comparison also is made with other disenfranchised groups, particularly ethnic minorities. *3 sem. hrs. (FSSA)*

499 Independent Study

Content adapted to requirements and interests of participant. *1-3 sem. hrs.*

Greek**499 Independent Study**

Content adapted to the requirements and interests of participant. *1-3 sem. hrs.*

Latin**410 Selected Topics**

Topics or themes in Roman literature and history. Examples include historical biography, epistolography, drama, Latin Christian literature, Medieval or Renaissance Latin and art criticism in Latin literature. *3 sem. hrs.*

411 The Teaching of High School Latin

Curriculum construction, organization, audiovisual materials, teaching methods. *3 sem. hrs.*

499 Independent Study

Content adapted to the requirements and interests of the participant. *1-3 sem. hrs.*

Computer Science

301 Computer Organization. *4 sem. hrs.*

315 Algorithms. *4 sem. hrs.*

321 Operating Systems. *4 sem. hrs.*

322 Software Engineering Practicum. *4 sem. hrs.*

323 Design and Implementation of Programming Languages. *4 sem. hrs.*

325 Database Systems. *3 sem. hrs.*

328 Numerical Analysis. *3 sem. hrs.*

330 Theory of Computations. *3 sem. hrs.*

332 Computer Networks. *4 sem. hrs.*

335 Computer Graphics. *4 sem. hrs.*

395 Special Topics. *Prerequisite:* Permission of instructor. *1-4 sem. hrs.*

Economics**386U Macroeconomics for Teachers**

(Summer only.) Designed to provide in-depth concentration of economics for teachers who have had introductory course. Comprehensive coverage of concepts such as measuring economic performance, public finance, inflation, unemployment, fiscal policy and monetary policy. Will emphasize various theories on controlling the economy such as Keynesian, Monetarist and rational expectations. Will include computer simulation on running U.S. economy and a one-day session at the Federal Reserve Bank of Richmond where Federal economists will discuss a variety of macroeconomic topics with students. *4 sem. hrs.*

Education**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.*

451 Survey of Children's Literature

Survey of modern and traditional literature with emphasis on evaluative criteria used in selecting books based on school and recreational needs and interests of children. Features storytelling, creative dramatics, ways of integrating books into the curriculum. *3 sem. hrs.*

French

Prerequisite to courses numbered 400–413: French 301, 305 or permission of instructor. See also Modern Languages, preceding.

402 Advanced French Conversation. *4 sem. hrs.*

404 Advanced Composition and Syntax. *4 sem. hrs.*

Prerequisite to courses numbered 411 or above are two of the following: French 321, 322, 323, 324, the equivalent, or permission of department.

411 The French Middle Ages: Alterity and Modernity. *4 sem. hrs.*

421 Renaissance. *4 sem. hrs.*

431 Le Siècle Classique. *4 sem. hrs.*

441 Enlightenment. *4 sem. hrs.*

451 From Romanticism to Decadence. *4 sem. hrs.*

461 Experiments in Contemporary Literary Productions. *4 sem. hrs.*

465 French Film. *4 sem. hrs.*

471 Francophone Studies. *4 sem. hrs.*

- 487 Contemporary Ideas. *4 sem. brs.*
 495 Independent Study. *1-4 sem. brs.*
 497 Selected Topics. *1-4 sem. brs.*

German

Prerequisite to courses 400-level German literature courses: German 321 or 322 or permission of instructor.

- 402 Advanced German Conversation. *4 sem. brs.*
 404 Advanced Composition and Syntax. *4 sem. brs.*
 441 Enlightenment, Storm and Stress, Classicism. *3 sem. brs.*
 442 German Romanticism. *4 sem. brs.*
 452 Fin-de-siècle. *4 sem. brs.*
 465 Responses to the Third Reich in Literature and Film. *4 sem. brs.*
 471 Gender and Performance in Twentieth-Century Literature and Film. *4 sem. brs.*
 472 Multiculturalism, Identity and Authorship in the German Context. *4 sem. brs.*
 495 Independent Study. *1-4 sem. brs.*
 497 Selected Topics. *1-4 sem. brs.*

Greek

(See *Classical Studies*)

Interdisciplinary Studies

500 Library Bibliographic Research Methods

Materials and methods of advanced research in the humanities with emphasis on literature. Organization, retrieval and communication of scholarly information. *3 sem. brs.*

International Studies

- 301 Dependency and Development: An Introduction to the Third World. *3 sem. brs.*
 321 Exploring Latin America: An Interdisciplinary Seminar. *3 sem. brs.*
 350 Selected Topics. *1-6 sem. brs.*

Italian

495 Independent Study

Special projects individually pursued under supervision of faculty member. *Prerequisite:* Permission of department. *1-4 sem. brs.*
 497 Selected Topics. *1-4 sem. brs.*

Japanese

- 495 Independent Study. *1-3 sem. brs.*
 497 Selected Topics. *3 sem. brs.*

Latin

(See *Classical Studies*)

Mathematics

- 315 Modern Geometry. *3 sem. brs.*
 320-321 Real Analysis I and II. *3-3 sem. brs.*
 323 Discrete Mathematical Models. *3 sem. brs.*

- 324 Continuous Mathematical Models. *3 sem. brs.*
 328 Numerical Analysis. *3 sem. brs.*
 330 Mathematical Statistics. *3 sem. brs.*
 331 Complex Analysis. *3 sem. brs.*
 336 Operations Research. *3 sem. brs.*
 395 Special Topics. *1-3 sem. brs.*

Modern Languages

410 The Teaching of a Modern Foreign Language

Theory and practice of teaching second or foreign language, including English as a second language, at different levels. *Prerequisite:* 18 semester hours in one modern foreign language or permission of department. (Same as French, German, Russian and Spanish 410.) *3 sem. brs.*

- 495 Independent Study. *1-4 sem. brs.*
 497 Selected Topics. *1-4 sem. brs.*

Music

310 Managing Performing Arts Organizations

Review of topics essential for successful management of performing arts organizations. Includes organizational structure, budget development and management, strategic planning, marketing, audience development, box-office management and related topics. *Prerequisite:* Permission of instructor. *3 sem. brs.*

330 An Era of Spectacle: Music and Art in the Baroque Period

Explores music and art of the Baroque period. Also looks at aspects of role of artist/musician as well as role of art and music in Baroque society. *3 sem. brs.*

Philosophy

- 336 Nineteenth-Century European Philosophy. *3 sem. brs.*
 337 Social and Political Philosophy. *3 sem. brs.*
 339 Existentialism. *3 sem. brs.*
 343 Twentieth-Century Analytic Philosophy. *4 sem. brs.*
 344 Twentieth-Century Continental Philosophy. *4 sem. brs.*
 350 Topics Seminar: Historical. *2-4 sem. brs.*
 357 Nietzsche. *3 sem. brs.*
 358 Topics in Feminist Philosophy. *2-4 sem. brs.*
 359 Thinking and Seeing: Philosophy and the Visual Arts. *3 sem. brs.*
 360 Ethics. *3 sem. brs.*
 362 Philosophy of Religion. *3 sem. brs.*
 364 Philosophy of Law. *3 sem. brs.*
 365 Action, Responsibility and Free Will. *3 sem. brs.*
 380 Topics Seminar: Issues. *2-4 sem. brs.*
 390 Independent Study. *2-4 sem. brs.*

Physics

- 301 Mathematical Methods in Physics. *3 sem. brs.*
 303 Mechanics. *3 sem. brs.*
 305-306 Electricity and Magnetism. *3-3 sem. brs.*
 308 Statistical Mechanics. *3 sem. brs.*
 401-402 Quantum Mechanics. *3-3 sem. brs.*
 404 Theoretical Physics. *3 sem. brs.*
 479 Special Topics. *3 sem. brs.*

Political Science Courses

- 303 Metropolitan Problems and Politics. *3 sem. brs.*
 304 Virginia Government and Politics. *3 sem. brs.*
 311 Political Theory: Plato to Locke. *3 sem. brs.*
 312 Modern Political Theory. *3 sem. brs.*
 315 American Political Theory. *3 sem. brs.*
 322 Public Opinion and Public Policy. *3 sem. brs.*
 325 Racial Politics. *3 sem. brs.*
 327 The American Presidency. *3 sem. brs.*
 329 Campaigns and Elections. *3 sem. brs.*
 331 Constitutional Law. *3 sem. brs.*
 333 Civil Rights/Liberties. *3 sem. brs.*
 336 American Constitutional History. *3 sem. brs.*
 337 The American Legal System. *3 sem. brs.*
 341 Great Britain, France and Germany. *3 sem. brs.*
 342 Russian and the Newly Independent States. *3 sem. brs.*
 343 Politics of Asia. *3 sem. brs.*
 344 Europe Today. *3 sem. brs.*
 345 Politics of China, Hong Kong and Taiwan. *3 sem. brs.*
 346 Politics of Cultural Pluralism. *3 sem. brs.*
 347 Politics of Developing Nations. *3 sem. brs.*
 348 Politics of Africa. *3 sem. brs.*
 349 Politics of Latin America and the Caribbean. *3 sem. brs.*
 350 American Foreign Policy. *3 sem. brs.*
 352 International Law and Organization. *3 sem. brs.*
 356 International Political Economy. *3 sem. brs.*
 358 The United States and the Pacific Rim. *3 sem. brs.*
 379 Selected Topics. *3 sem. brs.*
 390 Independent Study. *1-3 sem. brs.*
 393 Seminar. *3 sem. brs.*
 395 Legislative Internship. *3 sem. brs.*

Religion

- 331 The Hebrew Prophets. *4 sem. brs.*
 332 Hebrew and Christian Wisdom Literature. *4 sem. brs.*
 340 Varieties of Early Christianity. *4 sem. brs.*
 341 Paul and Christian Origins. *4 sem. brs.*

- 342 John in Early Christian Literature. *4 sem. brs.*
 343 Apocalyptic Visions of the End. *4 sem. brs.*
 353 Buddhism in China and Japan. *4 sem. brs.*
 355 Selected Asian Religions. *4 sem. brs.*
 356 Religious Thought of the Renaissance and Reformation. *4 sem. brs.*
 357 Religion in Early America. *4 sem. brs.*
 358 Topics in American Religious Traditions. *4 sem. brs.*
 359 American Judaism. *4 sem. brs.*
 362 Religion and Its Critics. *4 sem. brs.*
 364 Religion and Psychology. *4 sem. brs.*
 365 Philosophical Problems in Comparative Religion. *4 sem. brs.*
 369 Problems in Social Ethics. *4 sem. brs.*
 393-394 Selected Topics. 1-4, *1-4 sem. brs.*
 395-396 Independent Study. 1-4, *1-4 sem. brs.*

Russian

- 401-402 Advanced Russian. *Prerequisite:* 301-302 or permission of department. *4-4 sem. brs.*
 495 Independent Study. *1-4 sem. brs.*
 497 Selected Topics. *1-4 sem. brs.*

Sociology

- 302 Social Movements. *3 sem. brs.*
 303 Sociology of Families. *3 sem. brs.*
 305 Deviance. *3 sem. brs.*
 309 Social Problems. *3 sem. brs.*
 310 Criminology. *3 sem. brs.*
 311 Juvenile Delinquency. *3 sem. brs.*
 313 Field Investigation of the Juvenile and Adult Criminal Justice System. *3 sem. brs.*
 315 Population and Society. *3 sem. brs.*
 316 Race and Ethnicity in America. *3 sem. brs.*
 317 Medical Sociology. *3 sem. brs.*
 318 Social Stratification. *3 sem. brs.*
 319 The Sociology of Sex and Gender. *3 sem. brs.*
 320 Sociology of Religion. *3 sem. brs.*
 321 Sociology of Leisure. *3 sem. brs.*
 322 Collective Behavior. *3 sem. brs.*
 323 The Black Community in Urban America. *3 sem. brs.*
 324 Law and Society. *3 sem. brs.*
 325 Self and Society. *3 sem. brs.*
 326-327 Directed Independent Study. *Prerequisite:* Permission of the instructor. *3-3 sem. brs.*
 328 Social Gerontology. *3 sem. brs.*
 329 Education and Society. *3 sem. brs.*
 334 Sociological Theory. *3 sem. brs.*
 342 Dying, Death and Grief. *3 sem. brs.*
 379 Selected Topics. *1-3 sem. brs.*

Spanish

Prerequisites to courses numbered 400–410:

Spanish 301 and 305, or permission of instructor.
See also Modern Languages, preceding.

Prerequisite for all Spanish courses above

410: Spanish 321 or 322 or 331 or 332 or permission of department.

- 431 Imperial Spain: The Age of Conflict.
4 sem. hrs.
- 432 True Lies: Fiction and Truth in *Don Quijote*.
4 sem. hrs.
- 451 Literature of Exile. *4 sem. hrs.*
- 452 Spanish-American Poetic Texts. *4 sem. hrs.*
- 462 Visions of Contemporary Spain. *4 sem. hrs.*
- 471 Latin-American Cinema. *4 sem. hrs.*
- 472 Contemporary Spanish-American Theater.
4 sem. hrs.
- 475 Women and Writing in Latin America.
4 sem. hrs.
- 477 Literature of the Spanish-Speaking Caribbean.
4 sem. hrs.
- 485 Spanish-American Narrative. *4 sem. hrs.*
- 486 U.S. Latino/a Literature. *4 sem. hrs.*
- 487 Latin America: Encounter and Conflict.
4 sem. hrs.
- 495 Independent Study. *1-4 sem. hrs.*
- 497 Selected Topics. *1-4 sem. hrs.*

Theatre

- 310 Managing Performing Arts Organizations.
(See Music 310.) *3 sem. hrs.*
- 312 Special Topics. *3 sem. hrs.*

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The year given designates the year of appointment.

The year with () is the year of first appointment.

- Abrams, Kenneth B.**, *Assistant Professor of Psychology*; 2003 B.A. (Dartmouth College), Ph.D. (University of Minnesota)
- Abrash, Samuel A.**, *Associate Professor of Chemistry*; 1990 B.A. (University of Chicago), Ph.D. (University of California at Berkeley)
- Abreu, Dixon**, *Assistant Professor of Spanish*; 2001 B.A. (Fordham University), M.A. (City University of New York), Ph.D. (Tulane University)
- Achter, Paul J.**, *Assistant Professor of Rhetoric*; 2004 B.A. (Concordia College), M.A. (North Dakota State University), Ph.D. (University of Georgia)
- Addiss, Stephen**, *Professor of Art History, Tucker-Boatwright Professorship of Humanities*; 1992 B.A. (Harvard University), M.A., Ph.D. (University of Michigan)
- Albert, Matthew T.**, *Ensemble in Residence and Visiting Instructor of Music*; 2004 B.M., B.A., A.D. (Cincinnati College), M.M. (Northwestern University)
- Allen, Nancy H.**, *Director of Costuming and Make-Up*; 1989 B.F.A., M.F.A. (Virginia Commonwealth University)

- Allen, Thomas M.**, *Assistant Professor of English*; 2000 B.A. (University of California at Santa Cruz), M.A. (Claremont Graduate School), Ph.D. (University of Wisconsin at Madison)
- Allison, Scott T.**, *Professor of Psychology, MacEldin Trawick Professorship in Psychology*; 1987 B.A. (University of California at San Diego), Ph.D. (University of California at Santa Barbara)
- Anderson, Gene H.**, *Professor of Music and Director of Band*; 1982 B.A. (Luther College), M.A., Ph.D. (University of Iowa)
- Asaftei, Gabriel**, *Assistant Professor of Economics*; 2004 B.A. (Academy of Economics, Bucharest, Romania), M.A. (State University of New York at Binghamton)
- Ashé, Bertram D.**, *Associate Professor of English and American Studies*; 2004 B.A. (San José State University), M.A. (Virginia Commonwealth University), Ph.D. (The College of William and Mary)
- Bagwell, Catherine L.**, *Assistant Professor of Psychology*; 1999 B.S. (University of Richmond), M.A., Ph.D. (Duke University)
- Bak, Joan L.**, *Professor of History*; 1978 B.A. (Stanford University), M.Phil., Ph.D. (Yale University)
- Baker, Julie A.**, *Director of the Intensive Language Program in French*; 2002 B.A. (University of Michigan), M.A., Ph.D. (Indiana University)
- Banner, Edith J.**, *Postdoctoral Teaching and Research Fellow*; 2004 A.A. (Nunez Community College), B.S., B.A., Ph.D. (University of New Orleans)
- Barnett, B. Lewis III**, *Associate Professor of Computer Science*; 1990 B.S. (Furman University), M.S.C.S., Ph.D. (University of Texas)
- Barth, Molly A.**, *Ensemble in Residence and Visiting Instructor of Music*; 2004 B.M. (Oberlin College), A.D. (Cincinnati College), M.M. (Northwestern University)
- Basso, Matthew L.**, *Assistant Professor of History*; 2001 A.B. (Vassar College), M.A. (University of Montana), Ph.D. (University of Minnesota)
- Beausang, Cornelius W.**, *Associate Professor of Physics, The Robert Edward & Lena Frazer Loving Chair of Physics*; 2004 B.Sc. (University College, Cork, Ireland), M.A., Ph.D. (State University of New York at Stony Brook)
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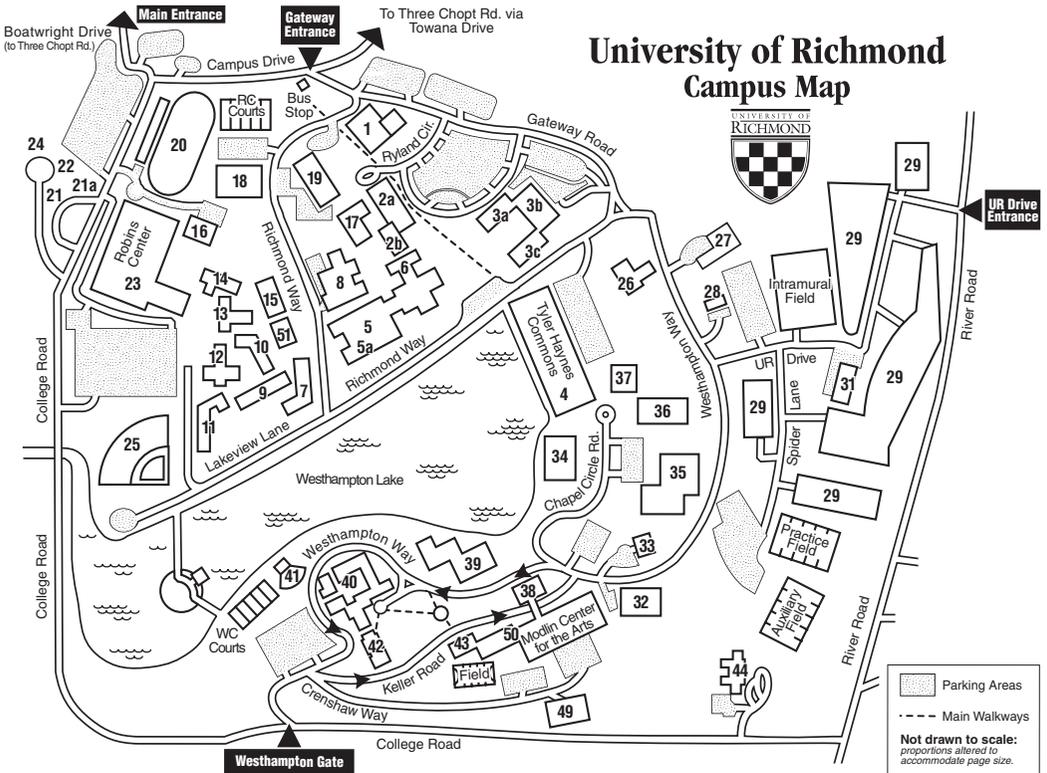
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