

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

Non-Discrimination Policy

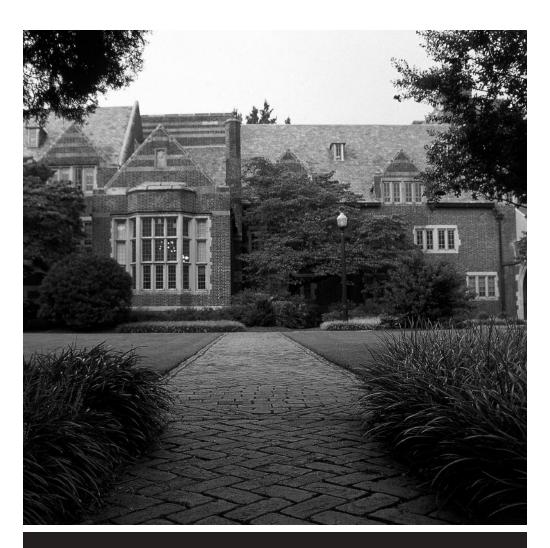
The University of Richmond prohibits discrimination and harassment against applicants, students, faculty or staff on the basis of race, religion, national or ethnic origin, age, sex, sexual orientation, disability, status as a veteran or any classification protected by local, state or federal law

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

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

Disclaimer

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



GRADUATE SCHOOL OF ARTS & SCIENCES

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University of Richmond, VA 23173
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ACADEMIC CALENDARS 2006-2008

ACADEMIC CALENDARS	2006-2008
FALL SEMESTER 2006	
Aug. 2-18	Registration
Aug. 28, Mon	Classes begin
Sept. 4, Mon	Labor Day (classes meet)
Sept. 8, Fri	Last day to file for May/August graduation
Oct. 13, Fri	Last day of classes prior to fall break
Oct. 18, Wed	Classes resume
Nov. 21, Tues	Thanksgiving break begins after classes
Nov. 27, Mon	Classes resume
Dec. 11-19, MonTues	
Dec. 19, Tues	Fall term ends
SPRING SEMESTER 2007	
Jan. 15, Mon	Classes begin
Feb. 2, Fri	Last day to file for May/August graduation, if not fi led earlier
Mar. 2, Fri.	Spring break begins after classes
Mar. 12, Mon	
Apr. 30-May 5, MonSat	Spring term examination period
May 5, Sat	
May 13, Sun	Baccalaureate Service and Spring Commencement
SUMMER SESSION 2007	
The Summer School Calendar f	or 2007 will be announced during the Fall 2006 term.
FALL SEMESTER 2007	
Aug. 1- 17	Registration
Aug. 27, Mon	
Sept. 3, Mon	<u> </u>
Sept. 14, Fri	Last day to file for May/August graduation
Oct. 12, Fri	Last day of classes prior to fall break
Oct. 17, Wed	Classes resume
Nov. 20, Tues	Thanksgiving break begins after classes
Nov. 26, Mon	Classes resume
Dec. 10–18, Mon.–Tues	
Dec. 18, Tues	Fall term ends
SPRING SEMESTER 2008	
Jan. 14, Mon	Classes begin
Feb. 1, Fri	Last day to file for May/August graduation, if not fi led earlier
Mar. 7, Fri	Spring break begins after classes
Mar. 17, Mon	
± *	Spring term examination period
May 3, Sat	
May 11, Sun	Baccalaureate Service and Spring Commencement

Christian Holidays

Addendum to the University of Richmond Academic Calendars 2006–2008

2006-2007

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.

2007-2008

Omioum rionary	2000 2007	2007 2000
Christmas	Mon., Dec. 25, 2006	Tues., Dec. 25, 2007
Good Friday	Fri., Apr. 6, 2007	Fri., Mar. 21, 2008
Easter Sunday	Sun., Apr. 8, 2007	Sun., Mar. 23, 2008
Easter Monday	Mon., Apr. 9, 2007	Mon., Mar. 24, 2008
Jewish Holidays	2006–2007	2007–2008
Rosh Hashanah	SatSun., Sept. 23-24, 2006	ThursFri., Sept. 13-14, 2007
Yom Kippur	Mon., Oct. 2, 2006	Sat., Sept. 22, 2007
Sukkot	SatFri., Oct. 7-13, 2006	ThursWed., Sept. 27-Oct. 3, 2007
Shemini Atzeret/		
Simchat Torah	SatSun., Oct. 14-15, 2006	ThursFri., Oct. 4-5, 2007
Hanukkah**	FriSat., Dec.15-23, 2006	TuesWed., Dec. 4-12, 2007
Passover	TuesWed., Apr. 3-4, 2007	SunMon., Apr. 20-21, 2008
Passover (concluding days)	MonTues., Apr. 9-10, 2007	SatSun., Apr. 26-27, 2008
Shavuot	WedThurs., May 23-24, 2007	MonTues., June 9-10, 2008
 Iewish holy days, religious 	s festivals and the weekly Sabbath begin	n at sunset the preceding evening. On the

- 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	2006–2007	2007-2008
Eid-al-Fitr	Tues., Oct. 24, 2006	Sat., Oct. 13, 2007
Eid-al-Adha	Sun., Dec. 31, 2006	Thurs., Dec. 20, 2007
Islamic New Year	Sat., Jan. 20, 2007	Thurs., Jan. 10, 2008

- 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

MISSION STATEMENT

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

Approved March 15, 2005 by the Board of Trustees.

NOTE: The University Mission Statement replaces the Statement of Purpose adopted for the previous SACS review in 1997.

ORGANIZATION AND ACCREDITATION

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

The University enrolls approximately 2,900 fulltime undergraduates, 93% of whom live on campus; some 500 full-time law and graduate students; and 1,300 part-time students, largely from Richmond and the surrounding community.

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

ENVIRONMENT AND HISTORY

The campus consists of some 50 major buildings of

impressive Collegiate Gothic architectural style set amid 350 acres of lawns, a lake and woodlands. Richmond is in a setting of beauty and harmony suggesting an able future as a seminary, later becoming a continuation of the deep roots of its past. Indeed, Richmond's history began almost two centuries ago with Richmond College, founded in 1830 by Virginia Baptists as a college of liberal arts and sciences for men. Around this nucleus were established The T.C. Williams School of Law (1870); Westhampton College, a college of liberal arts and sciences for women (1914); the Graduate School of Arts and Sciences, for advanced study in the liberal arts and sciences (1921); the E. Claiborne Robins School of Business, for undergraduate and graduate study in business (1949); University College, for evening, summer and continuing education (1962), now called the School of Continuing Studies; and the Jepson School of Leadership Studies, the first school of leadership studies in the United States (1989). In 1990, the academic missions of Richmond College and Westhampton College were combined in a separate school, the School of Arts and Sciences. Richmond College and Westhampton College are the residential colleges for men and women respectively, providing special programming and leadership opportunities in student life.

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

CAMPUS RESOURCES AND SERVICES

BOOKSTORE

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

CAREER DEVELOPMENT CENTER

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

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

work life, and other relevant topics.

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

(http://cdc.richmond.edu) to view all available resources and a calendar of upcoming events. The Center also sponsors a number of career events throughout the year, including Major Questions, Major Answers, the Richmond Career Fair, the Non-Profi t Career Fair, an Externship Program, The Alumni Networking Weekend, and Metrolink, an off-campus interviewing event held in New York City and Washington, DC. The CDC also serves as an advisor to the student program The Real World. In addition, more than 100 organizations visit campus each year to identify candidates for full-time jobs and internships. Students are encouraged to visit the Career Development Center in their fi rst year to meet with a counselor to plan career development strategies. An online introduction to the CDC is included in

first-year students' orientation activities, and serves to introduce new students to the vast resources available in the Center.

COUNSELING AND PSYCHOLOGICAL SERVICES

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

CAPS is located at 201 Richmond Hall and is open from mid- August to mid-June, Monday-Friday 8:30-noon and 1-5 p.m. Contact CAPS at (804) 289-8119, caps@richmond.edu, or oncampus.richmond. edu/caps for more information.

DISABILITY ACCOMMODATIONS

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

FOOD SERVICE

University of Richmond Dining Services is a multi-operation department consisting of dining locations, snack shops and retail stores. The newly renovated E. Bruce Heilman Dining Center is a state-of-the-art facility overlooking Westhampton

Lake that serves approximately 3,000 students and guests daily. A retail market is located off the main lobby and the University Club is located on the lower level. The upper level of the facility houses the Department of Food and Auxiliary Services and the campus Post Office.

The centrally located Tyler Haynes Commons (THC) houses Tyler's Grill, an eat-in or carry-out operation with a dining area that faces the scenic Westhampton Lake and gazebo. The campus smoothie bar, Freshens and the Cellar, a late-night gathering space, also are located in THC.

or-late night studying at Boatwright Library, gourmet coffee, hot drinks and snacks are available at Eight Fifteen at Boatwright. Sodas, snacks and grocery items also are available at the Dean's Den, located in the Whitehurst building near the Richmond office.

Meal Plans

An off-campus meal plan also is available for commuting students or students residing in Honey Tree Apartments. Details of the various meal plan options, including the Spider Flex and off campus plan are available on the Dining Services Web site at http://dining.richmond.edu/.

Hours of Operation and Other Services

You can find something to eat somewhere on campus whenever classes are in session, from 7:15

a.m. to midnight Monday through Thursday, Fridays from 7:15 a.m. until 1:00.a.m. and Saturday and Sunday from 10:30 a.m. until 1:00 a.m. Dining Services maintains an up-to-date schedule of menus and operational hours for all campus locations on their Web page. Meal plans follow the undergraduate academic calendar and service and hours maybe limited during academic breaks and holidays. A wide variety of additional services, including nutrition counseling and mealstogo, along with catering services are also available through University Dining Services. Additional information is available upon request or can be viewed at http://dining.richmond.edu.

Special Dietary Needs

With a registered dietician as a member of the University Dining Services team, every effort is made to support special dietary needs that are medically based. Medical documentation is required and students with dietary restrictions or special needs are asked to make an appointment to see our nutrition professional. Students will be required to sign an informational release so that their situation can be discussed with their physician or medical profes-

sional as needed. In addition, dining services may require that students consult the University's physicians regarding their dietary requests. The University does not have designated facilities to accommodate religionbased dietary needs on a daily basis. However, we do work closely with the Campus Ministry to provide Kosher for Passover selections and carryout meals during Ramadan. Please contact the associate director of dining services if you have questions regarding available services.

HOUSING

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

INFORMATION SERVICES—LIBRARY AND COMPUTING SERVICES

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 T.C. Williams 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 475,000 volumes, access to more than 50,000 print and online journals, 46,000 electronic books, more than 200 online databases and a wealth of resources in media such as 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 participate in local and state consortia as well as national networks to obtain access to databases and to borrow items not held in the University's collections.

The libraries offer group and individual instruction in using these resources effectively. Group instruction is offered in the Boatwright Computer Classroom and other locations. Individual assistance is available in person and online through various means as described at

http://library.richmond.edu/help/ask_lib/index.htm.

Boatwright Library is open to students 24/7 when classes are in session. Boatwright Memorial Library offers a mix of study space suitable for individuals working alone or in groups, as well as AV viewing/listening carrels and rooms and more than 100 computer workstations. Laptop computers are loaned for in-building use and connect to the University's wireless network. The library provides a guide to online information resources for students at http://oncampus.richmond.edu/academics/scs/library/. These are available to all students but are especially useful to students enrolled in distance education programs.

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 is committed to preparing students to work successfully in technology- and information-centered environments. The Information Services division supports a teaching and learning environment that provides rich technology and information resources for students, faculty and staff. Computer labs and classrooms with a total of over 900 computers are spread across the campus and contain a wide variety of equipment and software. These systems can be accessed in Boatwright Memorial Library and in general purpose and discipline-specific computing spaces. Some residence halls are also equipped with public computers in study lounges.

In addition to the general purpose labs, many academic departments have computer labs designed to meet the special learning and research needs of their students. These include Art and Art History, the Business School, Chemistry, Classical Studies, Education, Journalism, the Law School, Modern Languages and Literature, Music, Physics, Psychology, the School of Leadership Studies and Theatre and Dance. For more information regarding the discipline-specific computer labs and their

hours of operation, please refer to the Information Services web page.

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

The normal operating hours for the Jepson Hall computing facilities during the Fall and Spring semesters are Monday-Thursday, 8:00 am -1:00 am; Friday, 8:00 am - 5:00 pm; Saturday 11:00 am - 6:00 pm and Sunday 11:00 am - 1:00 am. These schedules change for holidays, exams and summer sessions. A listing of the current hours of operation may be found on the Information Services web page.

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

The University maintains a robust network infrastructure. A wireless network supports mobile computing in every building on campus and provides coverage in most outdoor locations and public gathering spaces. Information Services keeps University-owned systems loaded with up-to-date versions of the latest software tools and anti-virus software. All users must have an active University computer account to log into any lab machine. To help ensure the security of our systems and network, passwords must be changed each semester in order to maintain an active account. Please refer to the Policies for Responsible Computing posted on the Information Services web page for guidelines regarding the use

of University-provided technology resources.

IDENTIFICATION CARD/ONE-CARD

Each degree or certifi cate-seeking student will be issued a picture identifi cation card (One- Card) upon request. This card verifi es that the holder is eligible to receive University library and certain other campus privileges. A campus ID is required for check cashing and access to athletic facilities and serves as your meal card if applicable. Neither the card nor its privileges is transferable. All University students may sign up for the University's Spider Account, a declining balance program which allows students to access previously deposited funds via their University One-Card. The Spider Account allows students the ability to make purchases without carrying cash and can be used by all students at the bookstore, the Student Health Center, in campus laundry facilities, at most vending machines and at all campus dining locations. Students will be mailed information each semester for One-Card sign up. Complete information on the One-Card is available at http://oncampus.richmond.edu/student/ life | onecard |.

INTERNATIONAL STUDENTS AND STUDY ABROAD

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

MULTICULTURAL AFFAIRS

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

UNIVERSITY POLICE

The University of Richmond University Police Department, a nationally accredited police department, is committed to providing a safe and secure environment for our students, faculty, staff and visitors. The University of Richmond Police Department provides 24-hour uniformed response to calls for service, provides routine and directed patrol activities, performs vehicular crash investigation and performs the investigation of criminal offenses. Additionally, all police officers are Red Cross First Responder/CPR certified. Uniformed security officers also assist with building security and other calls for service as needed. All crimes that occur on the campus should be reported to the University Police in person or by calling 911, 289-8911 or 289-8715. More information about the police department, including crime statistics, can be found online at http://oncampus.richmond.edu administration/police/.

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

University of Richmond is committed to assisting all members of the university community in providing for their own safety and security. The annual security compliance document is available on the University of Richmond website at http://www.richmond.edu/administration/police.

If you would like to receive a copy of the security report which contains this information, you can stop by the University Police Department at Special Programs Building, #31 UR Drive, University of Richmond, VA 23173 or you can request that a copy be mailed to you by calling (804) 289-8722.

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

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

Parking Services

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

basis. All vehicles registered and operated on campus must be properly licensed and inspected for mechanical condition in accordance with the laws of the state in which the vehicle is registered for operation. All persons operating a vehicle on University grounds must possess a valid operator's license.

Rules and regulations and vehicle registration information can be found at the Parking Services website http://richmond.edu/administration/police/parking.

Parking lots are lighted and patrolled by the University Police Department.

ARTS AND CULTURAL EVENTS

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

RECREATION AND WELLNESS CENTER

The mission of Recreation and Wellness is to provide opportunities and experiences that foster personal development, enhance academic productivity, increase physical and psychological health, and encourage social interaction through involvement in health, wellness and recreational activity. Full-time students, staff and faculty are eligible to use the Recreation and Wellness facilities during normal hours of operation.

The new Weinstein Center for Recreation and Wellness will provide a comprehensive facility that includes a two-level fi tness and wellness center, three-court gymnasium with an elevated walking and jogging track, two multipurpose rooms, pool, game room, racquetball and squash courts, as well as locker room and sauna facilities. Participants will experience a full range of cardio and strength equipment, in addition to a wellness resource center and computer lab.

Outdoor playing fields and lighted basketball courts are available for recreational use. Also available for recreational use when not scheduled for intramurals, intercollegiate athletics or special events are 13 tennis courts, a 400-meter track and cross

country trails. Members may participate in a variety of classes and programs throughout the year. The Fitness and Wellness program offers group exercise, indoor cycling and instructional programs throughout the day. In addition, special screenings, assessments and services are offered to address health and wellness topics. Services often include massage therapy, personal training, cholesterol screenings, blood pressure checks and fi tness assessments. The intramural sports program offers a wide range of major and minor sports at a variety of skill levels. More than 25 sport clubs provide student leadership opportunities as well as competitive options for students who are not part of the varsity athletic program. The Natural High/Outdoor Adventure program offers activities and trips throughout the year, often including whitewater tubing and rafting, camping, skiing, rock climbing and hiking. For more information about Recreation and Wellness programs or the Weinstein Center, please visit http://oncampus.richmond.edu/student/affairs/recwell index.html.

SPIRITUAL LIFE

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

There are numerous organizations for students of various faiths and traditions, including Buddhist, Christian (Catholic, Orthodox, Protestant and Ecumenical), Hindu, Jewish, Muslim and Sikh. Events, dinners and programs are open to all so that interfaith understanding and cooperation might be fostered. Regular on-campus worship services and times for religious practice include Zen meditation on Tuesday evenings, Juma'a prayer on Fridays at noon, Shabbat prayer on Friday evenings, Ecumenical Christian worship on Sundays at 3:16 p.m. and Roman Catholic mass on Sundays at 5:00 p.m. Many student groups hold prayer and praise meetings as well. The City of Richmond has over 300 places of worship, each of which welcomes students to participate in their services and practice.

The Office of the Chaplaincy also coordinates service opportunities through the Bonner Scholars and Community Partners offices; connects with the greater Richmond interfaith and civic community through A More Perfect Union; and offers individual support, counseling and care by appointment with one of the chaplains. Listings of on-campus and local events, houses of worship and holy days may be found on the Office of the Chaplaincy Web site: nnw:chaplaincy.richmond.edu

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-certifi ed family practice physicians and registered nurses. Services include acute care for illness and injury, general medical care, women's health, men's health, travel abroad consultations, allergy shots and immunizations. The telephone number is (804) 289-8064 and fax is (804) 287-6466. Students and parents are encouraged to visit our Web site for general information and timely messages: http://oncampus. richmond.edu/student_health. Our e-mail is healthcenter@richmond.edu. Rather than walking in for an evaluation, students are encouraged to call and speak with a registered nurse about their concerns through our Dial-A-Nurse system (call 484-1555 for the Dial-A-Nurse). After evaluating the history and symptoms of the illness, the nurse will advise the most appropriate treatment. If indicated after the Dial-A-Nurse evaluation, an appointment will be made. Appointments are made only after evaluation by the nurse except for annual gynecological examinations, doctor-requested follow-up visits, allergy shots, immunizations and PPD tests.

Students living on campus are eligible for the services provided by the Student Health Center, as the cost of these services is included in the housing fee. Student Health Center privileges are available to off-campus students for a persemester fee. The cost of prescription drugs, some laboratory tests, hospital emergency room treatment, hospitalization, xrays, and referral off campus for consultation with medical specialists are not covered by any student fees. These costs will be billed separately by the provider. The Student Health Center does not accept insurance assignments. This means that we will not bill a patient's insurance company. Any charges incurred at the time of visit will be billed through Student Accounts, or may also be paid by check, cash or Spider Card. The patient will be provided with a medical encounter form itemizing all charges and containing all necessary information to fi le for insurance reimbursement. Information

regarding our hours of operation, descriptions of services, details of allergy shot procedure, billing and insurance questions, medical information, community facilities and medical referrals, and helpful links can be found on our Web site. All communications between student and staff are strictly confidential and under no circumstances will information be released from the Student Health Center without the patient's prior approval. Virginia law mandates that each student submit an immunization record prior to enrollment. In compliance with this requirement, the immunization record is included in the health history form provided to entering students and is to be returned to the Student Health Center.

STUDENT IDENTIFICATION NUMBER

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

A student will be assigned a University of Richmond ID number as the primary identification for University records when he/she enters the University. This eight-digit number will be printed on each student's One-Card (unless the student requests it not be printed). This ID number also will be used in conjunction with a confi dential 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 fulfi ll IRS and federal reporting requirements.

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 fulfi lling 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 repri-

mand/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.

ALCOHOLIC BEVERAGES AND OTHER DRUGS

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 infl uence of any substance or not. Persons in violation of the law are subject to prosecution by law enforcement agencies as well as disciplinary proceedings by the University.

MOTORIZED VEHICLES

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

CONFIDENTIALITY/PRIVACY RIGHTS/RIGHTS TO KNOW

University of Richmond procedures and Family Educational Rights and Privacy Act of 1974 (P.L. 93-380) as amended, prohibit the unauthorized release of confidential information about individual students. However, directory information is not considered to be confidential and may be published or otherwise released. Directory information includes: name; addresses: permanent, campus, local (off-campus), email and campus computer network (IP) address; associated telephone numbers; date and place of birth; school or college; major and/or minor fields of study; degree sought; expected date of completion of degree requirements and graduation; degrees conferred; awards and honors (e.g. Dean's list); full or part time enrollment status; dates of attendance; previous institutions attended; participation in officially recognized activities and sports; weight and height of members of athletic team members; 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/ferpapolicy.html or by contacting the Office of the University Registrar. A student may opt to have his or her directory information withheld. To exercise this option, the appropriate form must be obtained from the Office the University Registrar, completed and returned to that office. Once filed this form remains in effect until withdrawn 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 Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

- 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, DC 20202-4605

The University of Richmond's complete FERPA Policy Statement is available as part of the Office of the University Registrar's web page at 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 Registrar's web page at http://oncampus.richmond.edu/academics/registrar/policy/studntcon.html and on page 17 of the 2003 "FACT-BOOK," which is available in offices across campus.

\$170.00

FINANCIAL AFFAIRS

rees: 2000–07 Schedule Semester Year	
General Fee: 9–16 semester hours inclusive	\$27,590
Over 16 hours: per hour	1,380.00
Fewer than 9 hours:	,
first 1–4 hours: per hour	485.00
next 5–8 hours: per hour	1,380.00
Other Fees	
Campus vehicle permit (per year)	\$90.00
Campus vehicle permit (per year)	
Thesis binding (per copy)	
Graduation regalia/fee	
Registration, change (per drop/add)	10.00
Registration, late (payable before matriculation)	60.00
General Fee Payment, late	
Fee is \$30 if account balance is under \$500.	
ree is \$50 if account balance is direct \$5000.	
Meal Plans - Meals are served Monday thru Friday, three meals a day; Ser	mester Year
Saturday and Sunday, brunch and dinner. See Web page for details.	1000
7 77	675.00 3350.00
Spider Premium (19 meals/wk, w/\$150 dining dollars/sem\$1	
Spider Flex (Dining Dollars in all dining operations)	
Spider Blue (Commuting Students Dining Dollars)	.350.00 700.00
Optional Fees	

- 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.

Student Health Service\$85.00

Part-Time Students

Classification and Fees

Face: 2006_07 Schedule Semester Vear

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 2006-07 session is \$485 per semester hour rather than the regular \$1,380 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. 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 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.

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

Tuition RefundWithdrawal on or before the first day of class100% less depositsWithdrawal during the first week of classes85%Withdrawal during the second week of classes70%Withdrawal during the third week of classes50%Withdrawal during the fourth week of classes25%Withdrawal during the fifth week of25%Withdrawal during the sixth week of classes25%Withdrawal during the sixth week ofNone

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 FAFSAshould 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 GPAof at least a 3.0 and students must pass at least 67 percent of coursework attempted. The maximum timeframe allowed for completion of a program is 150 percent of the program length (e.g., if the program requires 27 credit hours, the max-imum 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, VA23173

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 fulltime 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 bonafide 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, Perkins 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.

ACADEMIC PROGRAMS AND PROCEDURES

THE GRADUATE SCHOOL

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.

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.
- Satisfactory performance on written or oral qualifying examinations if required by the major department.
- 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 30 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. Students are also required to submit the thesis to the University in an electronic format. 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 reentering 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.
- 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 reentrance.

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.

ADMISSIONS

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 pro-

gram 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 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	-

BiologyMarch 15
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).
- 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 non degreeseeking 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.

Evaluation

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

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

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

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.

Electronic Thesis Submission – Students submitting master's theses are required to submit their theses electronically. This requirement is additional to the requirement for submission of paper copies. It is not a substitute for submission of paper copies. Procedures and options are explained on the A & S Graduate School web page at the "Thesis Instructions" link http://asgraduate.richmond.edu/ThesisInstructionsMarch2006.pdf.

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.

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

Roni Kingsley, Chair

Professors de Sá, Hayden, Kish Associate Professors Boland, Gindhart, A. Hill,

M. Hill, Kingsley, Radice, Smallwood, Stenger Assistant Professors Knight, Runyan-Janecky, Telang, Treonis, 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:

- 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 30 hours required for the M.S. degree. Degree candidates must take the Advanced Biology Test of the Graduate Record Examinations.

Thirty 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.

Acooperative 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.

Biology Courses

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. brs.

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. brs.

511Microanatomy

Microscopic structures and functions of vertebrate tissues and organs. Laboratory emphasizes quantitative light and electron microscopy and computerassisted 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. brs.

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. brs.*

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 procaryotes 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. brs.

528 Vertebrate Zoology

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

530 Ecology

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

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, brs.

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.

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, deepsea 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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. (total of 6 hours) Either 549 or 550 may be repeated once.

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 30 semester hours required for the master's degree. 2-2 sem, brs.

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. brs.

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. brs.

583 Tropical Biology and Conservation

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

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. brs.

ENGLISH

Louis Tremaine, Chair

Professors Dance, Givens, Hickey, Hilliard, Loxterman, S. Jones, Tremaine

Associate Professors, Gruner, Hewett-Smith, MacAllister, Russell, Schwartz

Assistant Professors Cheever, Grove, Lurie, 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, a two-hour exam preparation course, and a comprehensive examination administered at the end of July. Since the exam is administered electronically, 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.
- Students must show competency in one foreign language. This requirement may be satisfied by:
 - Satisfactory completion of at least six semester hours of the language above the elementary level at the student's undergraduate institution.
 - 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. Up to five of the English literature courses in each track may be chosen from the 300- and 400-level courses approved for graduate credit. 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 must enroll in a two-hour exam preparation course in the spring or May Term prior to the summer in which they plan to take the Comprehensive Examination. Relevant preparatory materials will be made available during the May Term exam preparation course
- 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 collec-

tion 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. Relevant preparatory materials will be made available during the May Term exam preparation course.

- 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 electronically in the first week of August. Since the exam will be administered electronically, it will not be necessary for students to reside in Richmond upon completion of their coursework. Each student must, however, maintain their campus computer account and/or provide the Graduate Coordinator with a valid and functioning email address.
- 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.
- In addition to the materials provided in the exam preparation course, 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. brs.

302 Literature of the English Renaissance

Studies in literature and cultural traditions of 16thand 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. brs.

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. brs.

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. brs.

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. brs.

311English 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. brs.*

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.*

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. brs.

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. brs.

334 American Indian Literatures

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

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. brs.

337 Postcolonial Literatures

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

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. brs.

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. brs.

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. brs.

354 Literature of the American South

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

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. brs.

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. brs.

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. brs.

360 Studies in the American Novel

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

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.

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. brs.

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. brs.*

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. brs.

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. brs.

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. brs.

383 Introduction to Composition Theory and Pedagogy

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

389 Women and Creativity

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

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. brs.

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.

399 Selected Topics

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

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. May be taken more than once for credit, provided topics are different. 4 sem. hrs.

502 Chaucer

Selected works. 3 sem. brs.

503 Shakespeare

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

505 Milton

Selected works. 3 sem. hrs.

511Medieval Literature

Selected medieval works. 3 sem. brs.

512 Renaissance Literature

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

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. brs.

516 Ulysses: A Modernist Postcolonial Novel

520 The British Novel

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

521Early 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. brs.

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. brs.

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. brs.

531Modern 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. brs.

534 Literary Criticism

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

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. brs.

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. brs.

541 American Literature

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

545 Topics in World Literature

3 sem. hrs.

549 Comprehensive Examination Preparation.

Meetings with the Graduate Coordinator during the Spring Term or May Term designed to introduce students to the exam materials and suggest strategies for preparation. Students must expect to have all of the coursework for Track One of the Master's Degree in English finished by the end of the term in which they enroll in the course. 2 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. brs.

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. brs.

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. brs.*

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. brs.

573 Special Studies Seminar

3 sem. brs.

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, Dan Carter (spring 2007), Elaine Tyler May (spring 2008)

Associate Professors Drell, Holton, Mack-Shelton, Watts, H. West

Assistant Professors, Brandenberger, Sackley, Yanikday, Yellin

Affiliated Faculty: Howard (Center for Civic Engagement) Leary (University Professor), Pagan (Law) Roberts (Continuing Studies), Stevenson (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 204 The Civil War and Reconstruction HIST 205 Late Nineteenth-Century America, HIST 209 African American History to 1865 HIST 210 African American History since 1865 HIST 212 The Civil Rights Movement HIST 213 African American Cultural History, HIST 214 United States and The World, 1877-1945, HIST 215 United States and The World since 1945, HIST 216 American Cutlural and Intellectual History since 1865

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, Old Regime and Revolution HIST 236 Russian Empire, Soviet Union, and After HIST 240 Modern European Thought, 1650–1850 HIST 241 Modern European Thought since 1850 HIST 242 Modern Germany HIST 243 Modern Britain HIST 244 The Hapsburg Empire and After HIST 245 Modern Balkans HIST 246 Russia in Revolution, 1905–1934

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

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 Africa

International and Comparative

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

HIST 290 British Empire and Commonwealth HIST 291 History of Canada

Special Topics

HIST 299 Special Topics: Periods and Regions

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 303 Psychology in American Society and Culture, HIST 304 African American Women's History

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 391 Transnational Social Reform

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.

501 Professional Preparation

Focus on the professional component of the discipline of history; students will meet experts in both academic and public history. 2 sem. brs.

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. brs.*

520 Core Readings in European History

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

530 Core Readings in World History

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

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. brs.

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.

Ageneral 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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. *4 sem. brs.*

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.

523 Art in the Age of Reform

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. 4 sem. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

537 Studies in the History of Photography

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

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. brs.

542 Studies in European Literature of the Twentieth Century

Selected subjects in contemporary European literature. 3 sem. brs.

543 Studies in American Literature of the Twentieth Century

Selected subjects in contemporary American literature. 3 sem. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. brs.

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. Irs.

563 History of Human Freedom

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

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. brs.

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. brs.

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. brs.

PSYCHOLOGY

Scott T. Allison, Chair Professors Allison, Kinsley Professor Li

Associate Professors Berry, Sholley

Assistant Professors Abrams, Bagwell, Bukach, 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 37 semester hours of coursework acceptable to the department, including the proposal and defense of an original thesis. During the two-year program, stu-

dents will take the following courses:

First year/first semester (11 semester hours):

Psychology 500-519 or 520-539, 4 hours

Psychology 545, 1 hours

Psychology 557, 3 hours,

Psychology 560, 3 hours

First year/second semester (11 semester hours):

Psychology 520-539 or 500-519, 4 hours

Psychology 558, 4 hour

Psychology 561, 3 hours

Second year/first semester (8 semester hours):

Psychology 500-519 or 520-539, 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. brs.

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. brs.

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. brs.

441 Clinical Neuroscience

Examination of ways in which brain function is modified to create symptomotology 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. brs.

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.

Psychology 500-519 (biological-cognitive)

504 Psychology of Language

Interdisciplinary examination of language use, language comprehension, language acquisition, and language disorders. Emphases will be on psycholinguistic theories and cognitive applications. The course will focus on issues and debates that surround computational and neural representations of language and language development. 4 sem. brs.

505 The New Cognitive Sciences: Merging Mind and Brain

Interdisciplinary studies of cognitive and neural processes in humans and artificial systems. Computational and neural methods are used to examine fundamental issues about the nature and origin of knowledge, mental representation, memory, language, and the brain from perspectives in psychology, linguistics, philosophy, neuroscience, and artificial intelligence. 4 sem. hrs.

506 Memory: Mind, Matter, and Maturity

Memory from behavioral, biological, and developmental perspectives will be analyzed. Memory as "mind" focuses on the behavioral level. Memory as "matter" investigates the neurological bases of memory, including clinical abnormalities. Memory as "maturity" examines memory development from infancy through old age. Current knowledge of memory functioning based on scientific theory and research will be compared to depictions of memory in literature, poetry, and film. *4 sem. brs.*

507 Cognition and Emotion

In-depth examination of current research on the integration of cognition and emotion. Topics to be covered include memory for trauma, emotional conditioning, unconscious emotional decision making, and the role of emotion in attention and learning.

4 sem. brs.

508 The science of Mind Body Problem

In-depth examination of scientific research addressing the mind body problem. Topics to be covered include neuroscientific research on consciousness and emotion, stress, psychosomatic medicine, and the role of motor processes on emotion and thought. 4 sem. brs.

509 Advanced Neuroscience

This course will provide a rigorous examination of basic neural principles and then build on them to construct a picture of the whole brain. Beginning with basic neuronal principles and the molecular biology of the neuron, we will assemble the workings of individual neurons into the groups of neurons or nuclei which subsume local brain activity. How these local groups form networks and how the networks work in converging and diverging fashion to produce behavior will be deeply and broadly examined. 4 sem. brs.

510 Clinical Neuroscience

The mind is merely the brain at work; therefore, in order to treat any — ANY — mental disorder, you must understand the basic biochemistry, biology, physiology and anatomy of the brain. The present course will expose you to the basics of the biology of the mind. This class is designed to disabuse you of the notion that a mental disorder is the result of disordered thought, or reasoning or upbringing, etc., when in fact, those displays are all the end result of malfunctioning neurobiology, merely the consequences of disordered brain biology. 4 sem. hrs.

511 The Neurobiology of Relationships

This course is designed to provide you with neurobiological insight into an apparently-non-biological phenomenon, that of relationships (broadly defined). What brain processes can account for the variety of ways in which organisms, among them humans, interact, bond, intimately relate, aggress, etc.? We will examine the NOR from two dynamic and interacting levels of analysis, the ultimate and the proximal. The proximal, more-easily observable, refers to the current biological influences responsible for a given behavior or physiological event. The ultimate, not readily observable due to its glacier-like time requirements, refers to the evolutionary pressures that purportedly shaped the above biology and ultimately drive the behavior. 4 sem. hrs.

Psychology 520-539 (social-developmental)

521 Group Processes

In-depth analysis of psychology of group forma-

tion, group conflict, group decision-making, and intergroup relations. Emphasis is on critical analysis of current theory and research on collective phenomena. 4 sem. hrs.

522 Advanced Social Cognition

In-depth examination of theory and research on social cognitive processes.

Topics include social information processing, disembodied cognition,

automatic and controlled processes, social memory, and social judgment and inferential processes. 4 sem. brs.

523 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.

524 Clinical approaches to Sdult Psychopathology

This course will address both mainstream and alternative approaches to the treatment of adult psychopathology. In particular, there will be an examination of cognitive-behavioral, biological, psychodynamic, humanistic, group, and feminist approaches. Emphasis will be on the theoretical and philosophical underpinnings of each of these approaches. In addition, various therapeutic techniques will be described and demonstrated throughout the course. *4 sem. brs.*

525 Positive Psychology

Positive psychology in its modern (21st century) and original (mid-20th century) forms will be analyzed. Modern positive psychology is built upon three pillars: Positive traits (e.g., courage), emotions (e.g., joy), and institutions (e.g., close-knit communities). The student will read widely, with a critical eye toward theory and evidence. The promise and place of positive psychology in the larger field of psychology will be considered. In addition to the scientific literature, the arts and humanities will be utilized to broaden understanding. 4 sem. hrs.

526 Human Development in Science and Literature

Human development across the life span is the focus of this seminar. Cognitive, social, emotional, interpersonal, moral, and personality development will be traced from infancy through old age. Theoretical and empirical work from within the psychological sciences, and novels, essays, short stories, plays, and poetry from different literary genres will

be critically analyzed to determine whether human development as depicted in these different modes of discourse are complementary or disparate. 4 sem. hrs.

527 The Influence of Psychology in the 20th Century

This seminar is designed to explore a variety of issues concerned with the emergence of Psychology as a discipline. We will deal with the uses and abuses of psychology and raise serious questions about some of psychology's cherished conceptualizations. These issues may include, for example, intelligence, behavioral disorder classification schemes, external controls over what kind of research takes place and the like. Psychology's role in the broadly defined topic of "influencing"- propaganda to marketing will also be explored. 4 sem. brs.

528 Gender and rRelationships

Study of the role that gender and perceptions of gender play in various relationships including friendships, marriage, parenting, therapy. Critical examination of theory and research methods and outcomes. *4 sem. brs.*

529 Intervention and Prevention for Childhood Disorders

Intervention and Prevention for Childhood Disorders. Critical examination of behavioral and emotional disorders in childhood with an emphasis on strategies for treatment and prevention. Draws on clinical psychology, developmental psychology, developmental psychopathology, and prevention science. 4 sem. brs.

545 Professional Ethics

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

557 Advanced Statistics and Research Design

Methods of research in psychology and descriptive, correlational and inferential statistical approaches. Emphasis on correlational and experimental design and on analysis of variance and regression.

3 sem. brs.

558 Multivariate Statistics

Multiple variable research design and applied multivariate analyses, including multiple regression, factor analysis, multivariate analysis of variance, cluster analysis, loglinear analysis, and multidimensional scaling. 4 sem. brs.

560-561 Research

First-year research project completed in collaboration with a faculty mentor. 3-3 sem. brs.

599 Thesis

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

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

With special permission of the student's graduate degree program coordinator, a student may select courses from the following undergraduate programs and departments. When taking these courses for graduate credit, the graduate student will be provided a syllabus outlining the additional requirements to justify the awarding of graduate credit. Although the additional requirements for graduate credit vary by department and instructor, they often include additional papers or more advanced papers that require more independent research and analysis. Qualified students not in degree programs also may take these courses for graduate credit, subject to the approval of the appropriate coordinator or 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 Introduction to Native Peoples of the Americas. 4 sem. hrs.

308 Cultures and Peoples of Latin America. 4 sem. hrs.

338 Peoples of Africa. 3 sem. brs.

339 Peoples of the Pacific. 3 sem. brs.

379 Selected Topics. 1-4 sem. brs.

388 Individual Internship.

Supervised independent field work. Prerequisite: Permission of department. *3 sem. hrs.*

426-427 Directed Independent Study. 1-3 sem. hrs.

Art and Art History

310 Late Antique and Early Christian Art and

Architecture, 3 sem. brs.

311 Medieval Byzantine Art, 600-1453. 3 sem. brs.

312 Medieval Art in Western Europe, 8th – 15 Centuries. 3 sem. brs.

313 Art of the United States. 3 sem. brs.

319 Advanced Seminar. 4 sem. brs.

322 Museum Studies. 3 sem. hrs.

365 Art Theories and Methodologies. 4 sem. brs.

Chemistry

326 Biochemistry. 3 sem. hrs.

419 Advanced Inorganic Chemistry. 3 sem. hrs.

433 Special Topics. 1-3 sem. brs.

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. 3 sem. hrs.

302 Roman Art and Archaeology

Architecture, painting and sculpture of the Roman world. 3 sem. brs.

304 The Feminine in Greco-Roman Literature. 3 sem. brs.

305 Greek and Roman Values. 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. 3 sem. brs.

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

398 Selected Topics

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

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. brs.

321 Operating Systems. 4 sem. brs.

322 Software Engineering Practicum. 4 sem. hrs.

323 Design and Implementation of

Programming Languages. 4 sem. hrs.

325 Database Systems. 4 sem. hrs.

328 Numerical Analysis. 3 sem. hrs.

330 Theory of Computations. 4 sem. hrs.

332 Computer Networks. 4 sem. brs.

335 Computer Graphics. 4 sem. brs.

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

Fconomics

386U Macroeconomics for Teachers.

(Summer only.) 3 sem. hrs.

Education

316 Special Topics. 1-3 sem. hrs.

451 Survey of Children's Literature. 3 sem. brs.

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. brs.

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. 4 sem. brs.

- 421 Renaissance, 4 sem. brs.
- 431 Le Siècle Classique. 4 sem. hrs.
- 441 Enlightenment. 4 sem. brs.
- 451 From Romanticism to Decadence. 4 sem. brs.
- 461 From Modern to Postmodern. 4 sem. hrs.
- 465 French Film. 4 sem. hrs.
- 471 Francophone Studies. 4 sem. brs.
- 487 Contemporary Ideas. 4 sem. hrs.
- 495 Independent Study. 1-4 sem. brs.
- 497 Selected Topics. 1-4 sem. hrs.

German

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

- 402 Advanced German Conversation. 4 sem. hrs.
- 404 Advanced Composition and Syntax.
- 4 sem. brs.
- 452 Fin-de-siècle. 4 sem. hrs.
- 465 Rebels with a Cause: Political Satire. 4 sem. brs.
- 471 Sexuality and German Society. 4 sem. brs.
- 472 Multiculturalism, Identity and Authorship in the German Context. 4 sem. hrs.
- 495 Independent Study. 1-4 sem. hrs.
- 497 Selected Topics. 1-4 sem. brs.

Greek

(See Classical Studies)

International Studies

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

Italian 495 Independent Study

Special projects individually pursued under supervision of faculty member. Prerequisite: Permission of department. 1-4 sem. hrs.

497 Selected Topics. 1-4 sem. hrs.

Japanese

- 495 Independent Study. 1-3 sem. hrs.
- 497 Selected Topics. 3 sem. hrs.

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. hrs.
- 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. hrs.

Modern Literatures and Cultures

410 The Teaching of a Modern Second Language

Prerequisite: 18 semester hours in one modern foreign language or permission of department. (Same as French, German, Russian and Spanish 410.) 4 sem. brs.

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

Music

310 Managing Performing Arts Organizations Prerequisite: Permission of instructor.

3 sem. brs.

330 An Era of Spectacle: Music and Art in the Baroque Period 3 sem. hrs.

Philosophy

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

3 sem. hrs.

380 Topics Seminar: Issues. 2-4 sem. hrs.

390 Independent Study. 2-4 sem. hrs.

Physics

301 Mathematical Methods in Physics. 3 sem. hrs.

303 Mechanics. 3 sem. brs.

305-306 Electricity and Magnetism. 3-3 sem. hrs.

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. hrs.

Political Science

311 Political Theory: Plato to Locke. 3 sem. hrs.

312 Modern Political Theory. 3 sem. brs.

315 American Political Theory. 3 sem. brs.

325 Racial Politics. 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.

343 Politics of Asia. 3 sem. hrs.

345 Politics of China, Hong Kong and Taiwan. 3 sem. brs.

350 American Foreign Policy. 3 sem. hrs.

352 International Law and Organization. *3 sem. hrs.*

356 International Political Economy. 3 sem. brs.

357 International Relations of East Asia. 3 sem

358 The United States and the Pacific Rim. 3 sem. hrs.

365 U.S. Health Care Policy & Politics. 3 sem brs.

379 Selected Topics. 1-4 sem. hrs.

390 Independent Study. 1-3 sem. brs.

393 Seminar. 3 sem. brs.

395 Legislative Internship. 6 sem. hrs.

Religion

331 The Hebrew Prophets. 4 sem. brs.

332 Hebrew and Christian Wisdom Literature. 4 sem. hrs.

340 Varieties of Early Christianity. 4 sem. brs.

341 Paul and Christian Origins. 4 sem. hrs.

342 John in Early Christian Literature. 4 sem. hrs.

343 Apocalyptic Visions of the End. 4 sem. brs.

353 Buddhism in China and Japan. 4 sem. brs.

355 Selected Asian Religions. 4 sem. hrs.

356 Religious Thought of the Renaissance and Reformation. 4 sem. hrs.

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. 3 sem. brs.

365 Philosophical Problems in Comparative Religion. *4 sem. hrs.*

369 Problems in Social Ethics. 4 sem. brs.

373 Witchcraft & Its Interpreters, 4 sem brs.

393-394 Selected Topics. 1-4 sem. brs.

395-396 Independent Study. 1-4 sem. hrs.

Russian

401-402 Advanced Russian. Prerequisite: 301-302 or permission of department. 4-4 sem. hrs.

495 Independent Study. 1-4 sem. brs.

497 Selected Topics. 1-4 sem. brs.

Sociology

302 Social Movements. 3 sem. hrs.

303 Sociology of Families. 3 sem. brs.

309 Social Problems. 3 sem. brs.

310 Crime and Justice in a Post-modern Society. 4 sem. brs.

311 Juvenile Delinquency. 3 sem. hrs.

313 Field Investigation of the Juvenile and Adult Criminal Justice System. 3 sem. hrs.

316 Race and Ethnicity in America. 3 sem. brs.

319 Social Constructions of Gender and Sexuality. 4 sem. hrs.

320 Sociology of Religion. 3 sem. hrs.

324 Law and Society. 4 sem. brs.

326-327 Directed Independent Study.

Prerequisite: Permission of the instructor. 1-4 sem.

329 Education and Society. 3 sem. hrs.

379 Selected Topics. 4 sem. hrs.

Spanish

Prerequisites to courses numbered 400–410: Spanish 301 and 305, or permission of instructor. See also Modern Literatures and Cultures, 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. brs.

432 True Lies: Fiction and Truth in Don Quijote.

4 sem. brs.

451 Literature of Exile. 4 sem. brs.

452 Spanish-American Poetic Texts. 4 sem. hrs.

462 Visions of Contemporary Spain. 4 sem. brs.

465 Spanish Cinema. 4 sem hrs.

471 Latin American Cinema. 4 sem. brs.

472 Contemporary Spanish-American Theater.

4 sem. hrs.

475 Women and Writing in Latin America. 4 sem. brs.

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. brs.

487 Latin America: Encounter and Conflict. 4 sem. brs.

495 Independent Study. 1-4 sem. hrs.

497 Selected Topics. 1-4 sem. brs.

Theatre

310 Managing Performing Arts Organizations. (See Music 310) 3 sem. hrs.

312 Special Topics. 1-3 sem. hrs.

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FACULTY OF THE SCHOOL OF ARTS AND SCIENCES

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

- **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)
- 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)
- Ashe, Bertram D., Associate Professor of English and American Studies; 2004 B.A. (San Jose State University), M.A. (Virginia Commonwealth University), Ph.D. (College of William and Mary)
- Bagwell, Catherine L., Associate 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)
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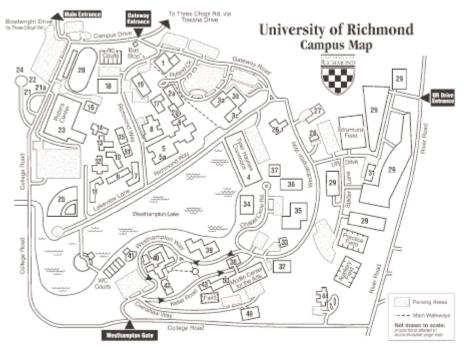
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